

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043906.D
 Acq On : 4 Jan 2020 3:06
 Operator : JU
 Sample : PB125879BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:56 AM

Quant Time: Jan 04 06:07:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134085	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	595733	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	374799	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	840667	20.00	ng	0.00
76) Chrysene-d12	21.59	240	794132	20.00	ng	0.00
87) Perylene-d12	24.72	264	765050	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	974586	133.46	ng	0.00
7) Phenol-d6	7.14	99	1359452	133.18	ng	0.01
23) Nitrobenzene-d5	9.12	82	806234	72.40	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	505072	128.77	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1733258	83.79	ng	0.00
79) Terphenyl-d14	19.95	244	2321521	66.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	111299	34.955	ng	98
3) Pyridine	3.83	79	308894	32.839	ng	98
4) n-Nitrosodimethylamine	3.74	42	151813	36.251	ng	98
6) Aniline	7.29	93	359466	26.811	ng	99
8) 2-Chlorophenol	7.54	128	370159	43.177	ng	99
9) Benzaldehyde	7.09	77	81372	12.455	ng	97
10) Phenol	7.17	94	463548	44.075	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	347678	38.297	ng	99
12) 1,3-Dichlorobenzene	7.85	146	365394	36.422	ng	97
13) 1,4-Dichlorobenzene	8.00	146	371742	37.555	ng	99
14) 1,2-Dichlorobenzene	8.32	146	354636	37.325	ng	99
15) Benzyl Alcohol	8.20	79	327252	40.621	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	520734	37.075	ng	98
17) 2-Methylphenol	8.41	107	323526	42.508	ng	98
18) Hexachloroethane	9.05	117	138704	36.011	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	285647	37.576	ng	98
20) 3+4-Methylphenols	8.74	107	455514	42.903	ng	98
22) Acetophenone	8.78	105	530839	35.842	ng	98
24) Nitrobenzene	9.16	77	394454	35.764	ng	98
25) Isophorone	9.69	82	782772	37.467	ng	99
26) 2-Nitrophenol	9.87	139	206908	39.651	ng	98
27) 2,4-Dimethylphenol	9.94	122	361488	46.020	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	501468	36.003	ng	98
29) 2,4-Dichlorophenol	10.41	162	381508	40.718	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	369386	35.161	ng	99
31) Naphthalene	10.81	128	1091783	37.872	ng	100
32) Benzoic acid	10.07	122	197353	33.089	ng	98
33) 4-Chloroaniline	10.92	127	277629	20.191	ng	98
34) Hexachlorobutadiene	11.11	225	213416	33.272	ng	98
35) Caprolactam	11.69	113	142397m	40.825	ng	
36) 4-Chloro-3-methylphenol	12.05	107	416484	41.755	ng	99
37) 2-Methylnaphthalene	12.42	142	842396	38.813	ng	98
38) 1-Methylnaphthalene	12.64	142	806844	39.224	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	396682	36.110	ng	99

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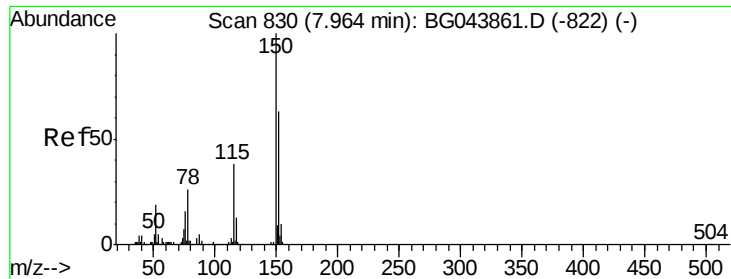
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 QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	470656	82.640	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	306618	40.564	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	329911	42.318	ng	97
46) 1,1'-Biphenyl	13.43	154	1070790	39.847	ng	98
47) 2-Chloronaphthalene	13.47	162	838400	38.610	ng	99
48) 2-Nitroaniline	13.67	65	277845	39.777	ng	98
49) Acenaphthylene	14.32	152	1333376	42.722	ng	99
50) Dimethylphthalate	14.05	163	1089970	40.958	ng	100
51) 2,6-Dinitrotoluene	14.16	165	253542	42.152	ng	98
52) Acenaphthene	14.66	154	841443	38.444	ng	98
53) 3-Nitroaniline	14.49	138	199937	29.271	ng	98
54) 2,4-Dinitrophenol	14.70	184	260884	84.783	ng	99
55) Dibenzofuran	15.00	168	1273394	42.262	ng	99
56) 4-Nitrophenol	14.81	139	457387	87.383	ng	99
57) 2,4-Dinitrotoluene	14.95	165	353102	43.142	ng	99
58) Fluorene	15.64	166	1017496	42.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	298146	44.475	ng	98
60) Diethylphthalate	15.42	149	1134882	42.637	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	524888	40.477	ng	99
62) 4-Nitroaniline	15.66	138	277265	41.105	ng	98
63) Azobenzene	15.93	77	1061113	42.986	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	183835	42.951	ng	95
66) n-Nitrosodiphenylamine	15.85	169	957561	38.679	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	339404	35.897	ng	96
68) Hexachlorobenzene	16.65	284	359317	35.269	ng	99
69) Atrazine	16.80	200	320964	39.885	ng	99
70) Pentachlorophenol	16.99	266	649052	115.569	ng	99
71) Phenanthrene	17.38	178	1605498	39.816	ng	99
72) Anthracene	17.47	178	1617466	40.589	ng	100
73) Carbazole	17.74	167	1508204	40.972	ng	99
74) Di-n-butylphthalate	18.31	149	1843910	39.234	ng	100
75) Fluoranthene	19.39	202	1802554	39.089	ng	100
77) Benzidine	19.56	184	576784	28.896	ng	97
78) Pyrene	19.75	202	1804346	34.809	ng	99
80) Butylbenzylphthalate	20.64	149	897898	36.383	ng	99
81) Benzo(a)anthracene	21.57	228	1761970	35.782	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	456928	23.487	ng	100
83) Chrysene	21.64	228	1642732	35.109	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1237797	36.350	ng	99
85) Di-n-octyl phthalate	22.69	149	2101547	36.710	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2176358	34.226	ng	98
88) Benzo(b)fluoranthene	23.73	252	1834980	40.572	ng	99
89) Benzo(k)fluoranthene	23.80	252	1820110	42.320	ng	99
90) Benzo(a)pyrene	24.57	252	1806683	42.324	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1788530	41.719	ng	100
92) Benzo(g,h,i)perylene	29.37	276	1795933	42.174	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

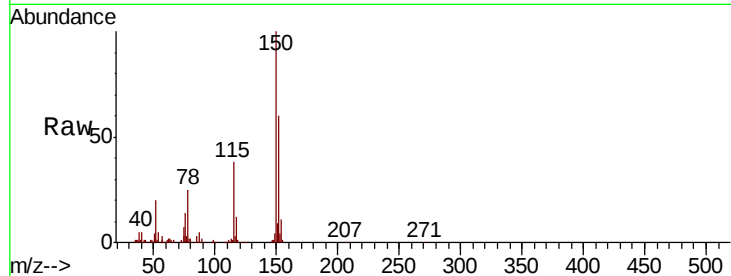
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.5	127.0	190.4
115	63.0	47.8	71.8

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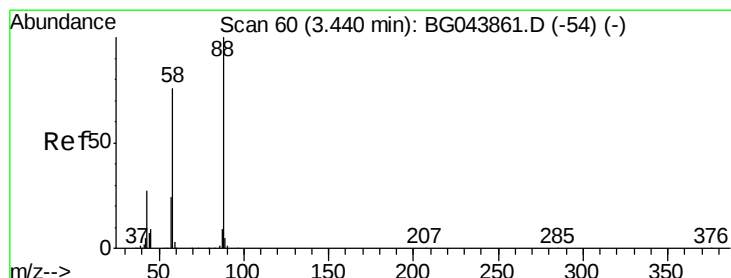
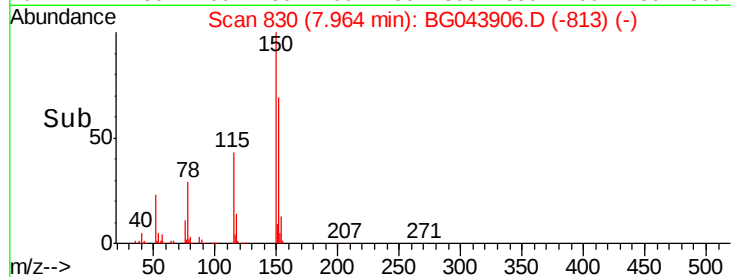
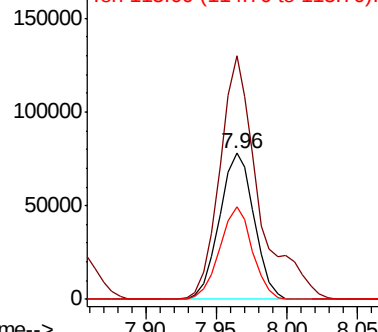


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

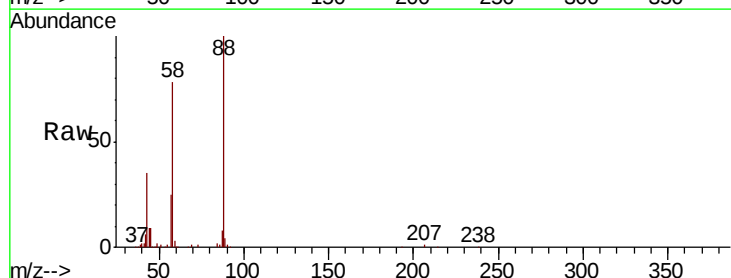
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.955 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	59.8	89.8
43	31.2	22.9	34.3

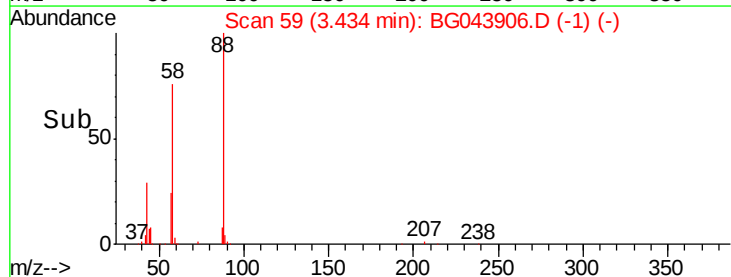
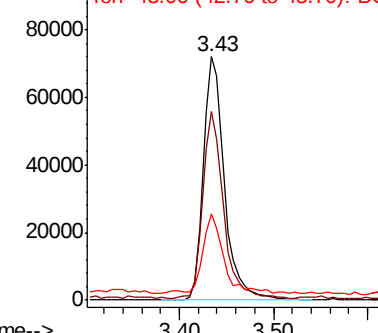


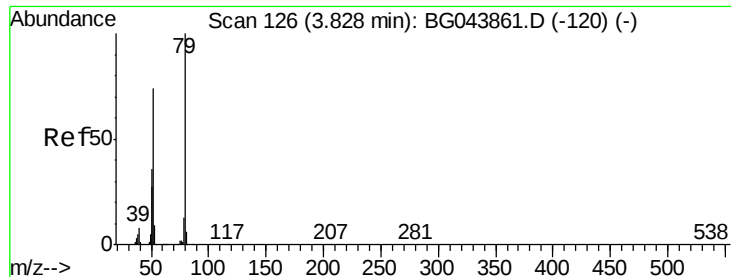
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.839 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

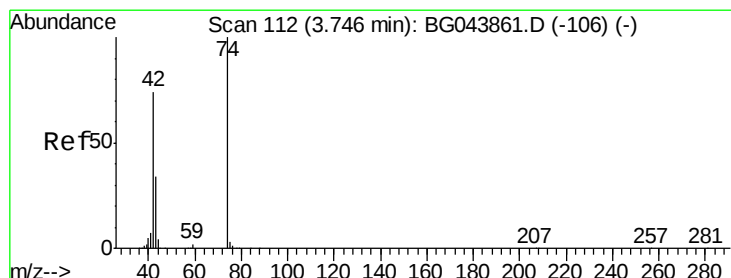
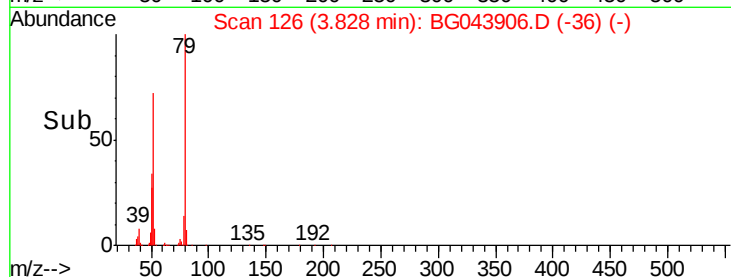
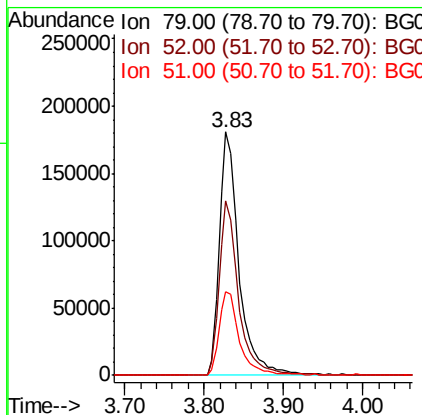
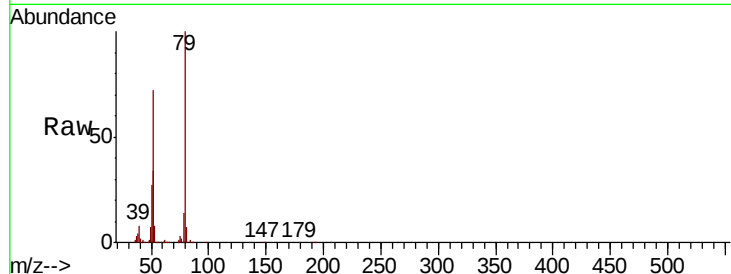
ClientSampleId :

PB125879BS

Tot Ion:	79	Resp:	308894
Ion Ratio	Lower	Upper	
79	100		
52	71.7	58.9	88.3
51	34.3	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 36.251 ng

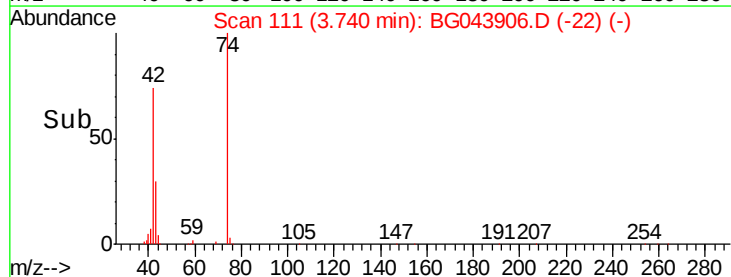
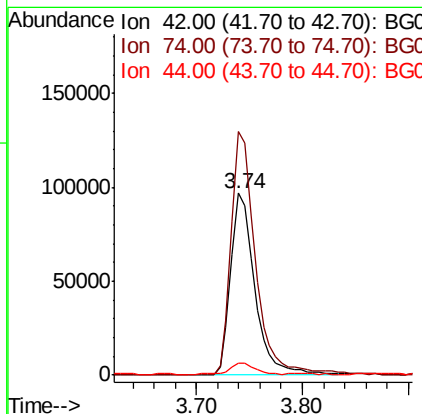
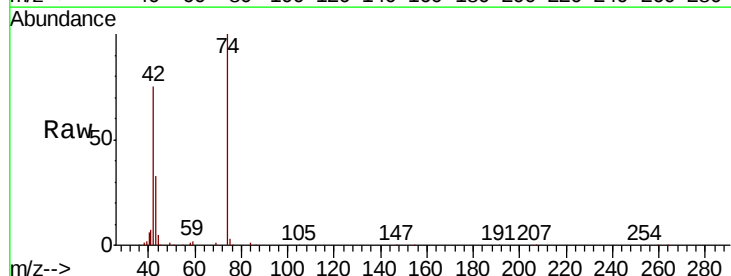
RT: 3.74 min Scan# 111

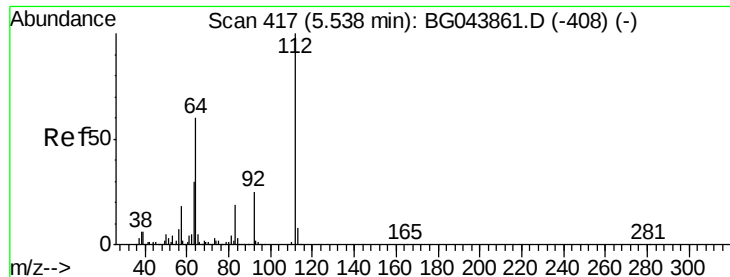
Delta R.T. -0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Tgt Ion:	42	Resp:	151813
Ion Ratio	Lower	Upper	
42	100		
74	133.8	108.6	162.8
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 133.457 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

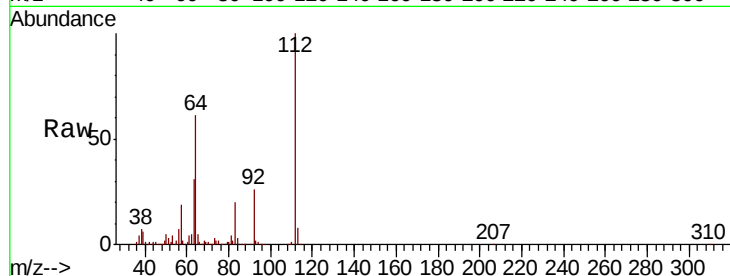
ClientSampleId :

PB125879BS

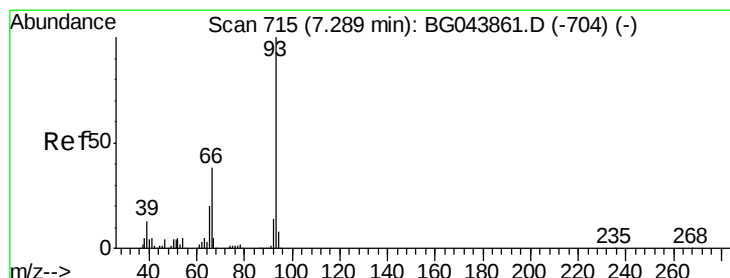
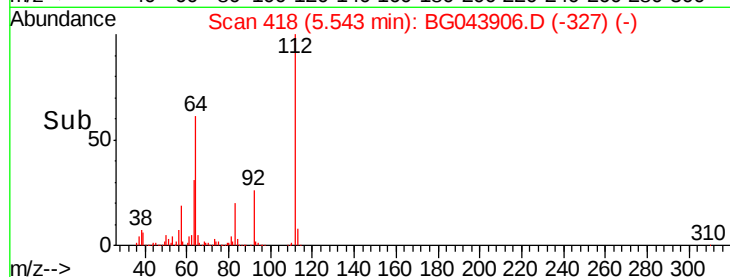
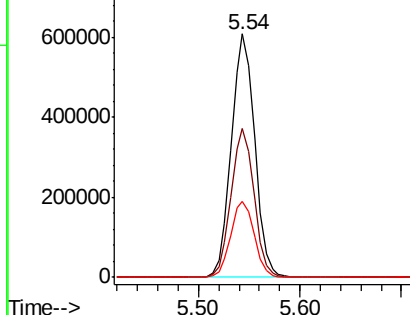
Tot Ion:	112	Resp:	974586
Ion Ratio	Lower	Upper	
112	100		
64	61.0	47.8	71.6
63	31.4	24.3	36.5

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.811 ng

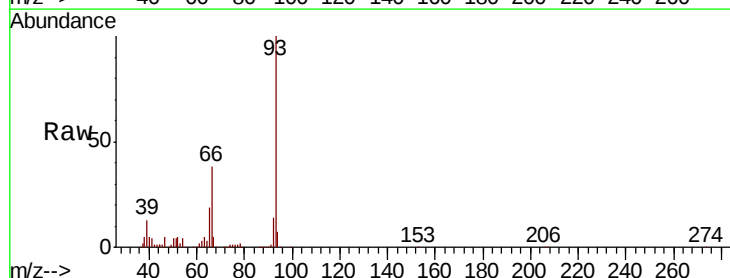
RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

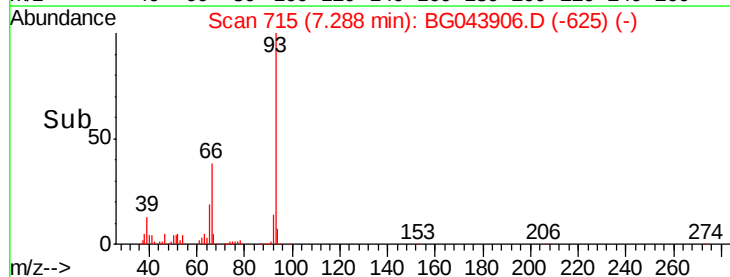
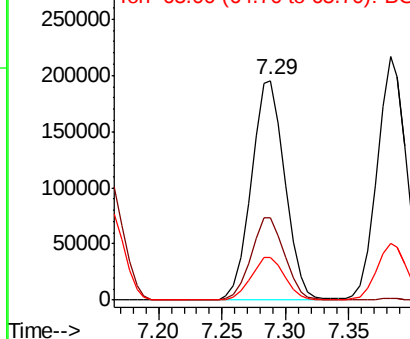
Lab File: BG043906.D

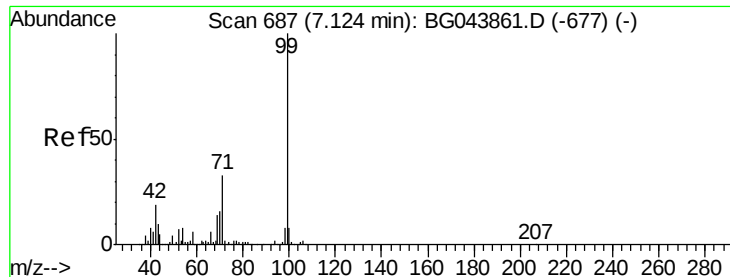
Acq: 4 Jan 2020 3:06

Tgt Ion:	93	Resp:	359466
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.8	46.2
65	19.5	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.178 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion: 99 Resp: 1359452

Ion Ratio Lower Upper

99 100

42 20.0 14.9 22.3

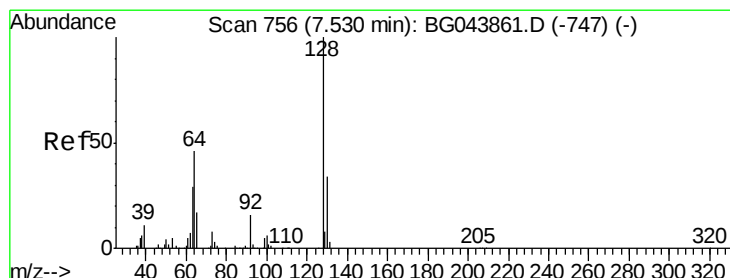
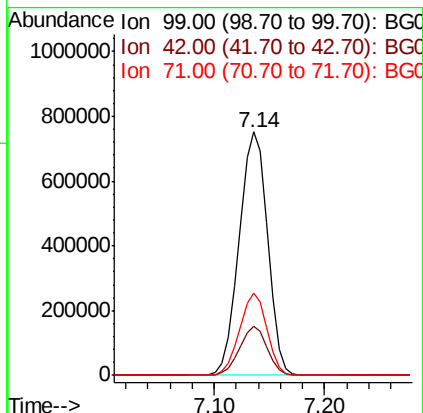
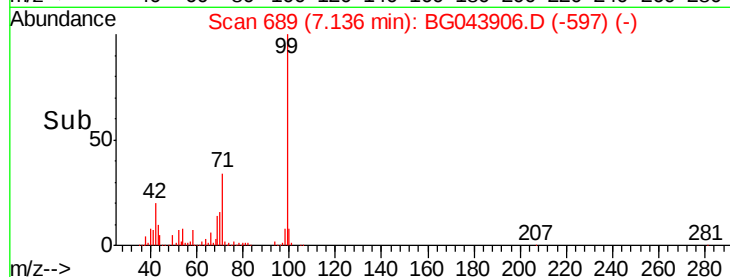
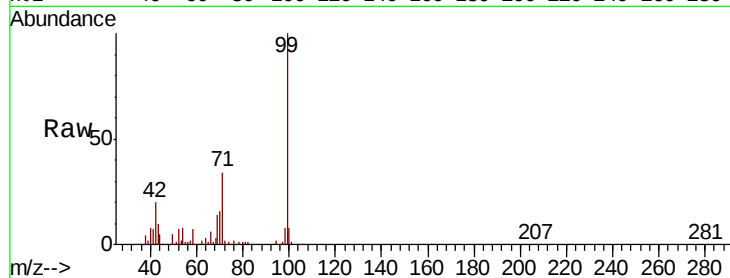
71 33.6 26.4 39.6

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#8

2-Chlorophenol

Concen: 43.177 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

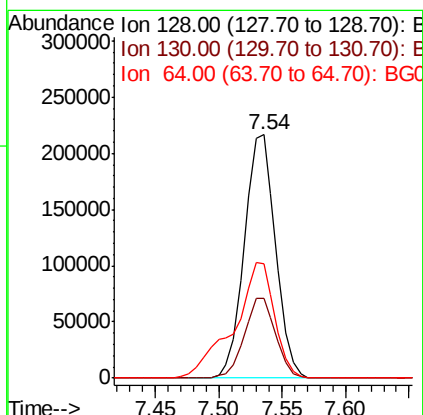
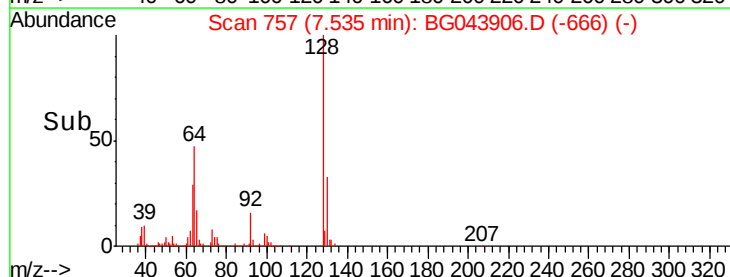
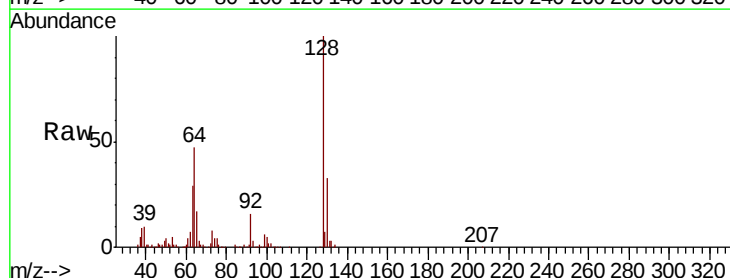
Tgt Ion: 128 Resp: 370159

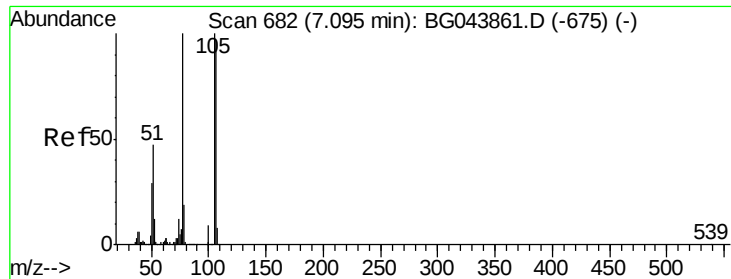
Ion Ratio Lower Upper

128 100

130 32.8 13.8 53.8

64 46.9 27.6 67.6





#9

Benzaldehyde

Concen: 12.455 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion: 77 Resp: 81372

Ion Ratio Lower Upper

77 100

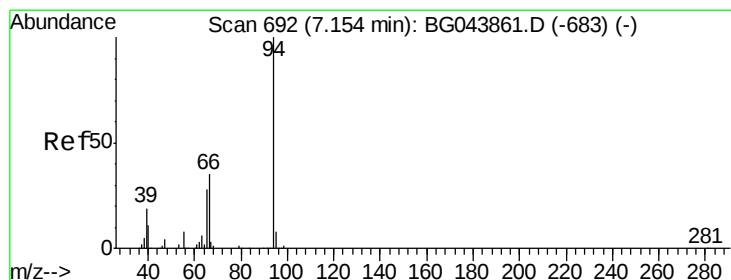
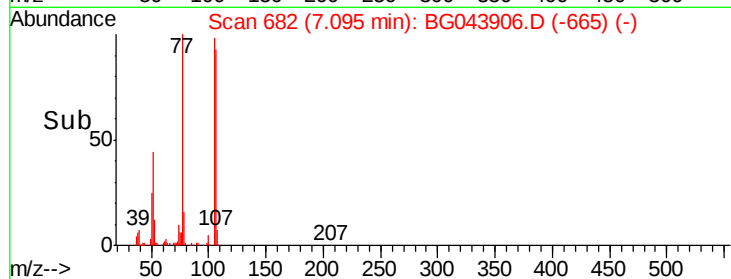
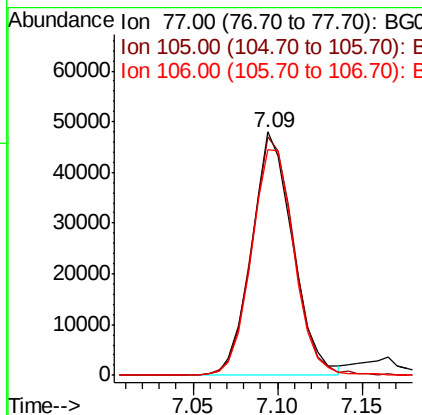
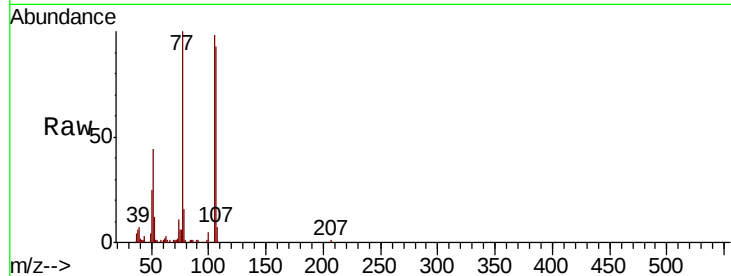
105 97.9 80.2 120.2

106 92.6 77.2 117.2

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#10

Phenol

Concen: 44.075 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

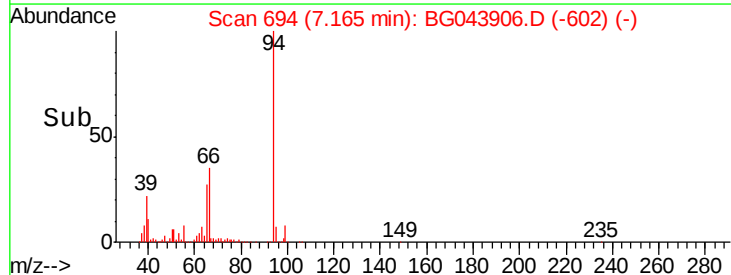
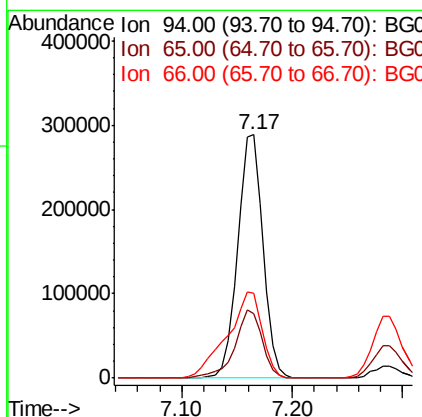
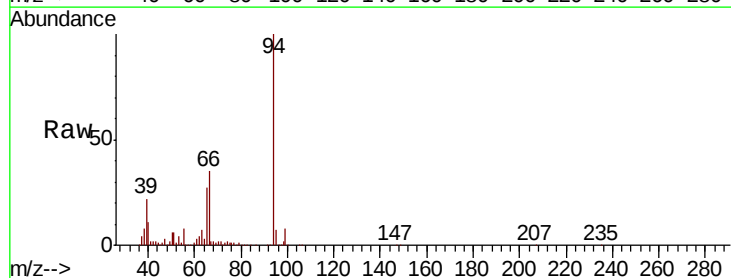
Tgt Ion: 94 Resp: 463548

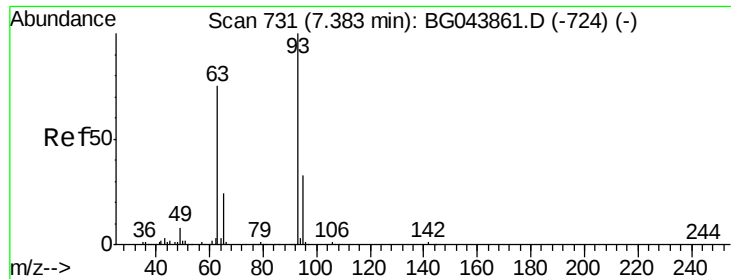
Ion Ratio Lower Upper

94 100

65 26.7 8.1 48.1

66 34.7 15.6 55.6





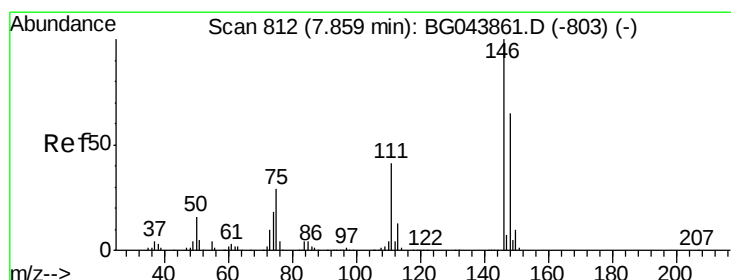
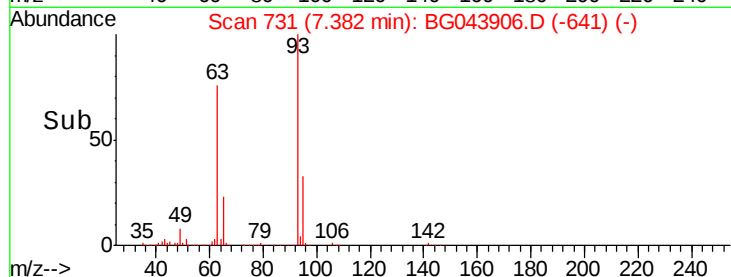
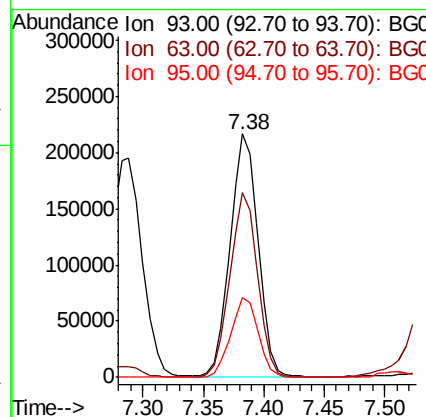
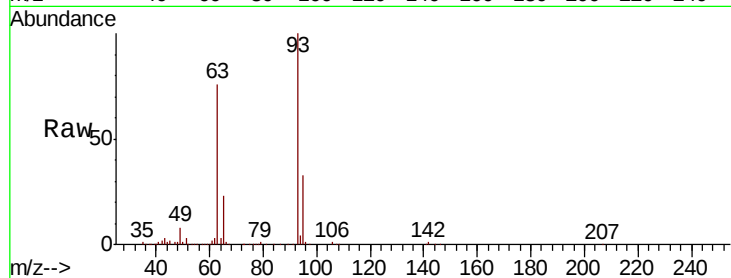
#11
bis(2-Chloroethyl)ether
Concen: 38.297 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.0	95.0
95	32.8	13.3	53.3

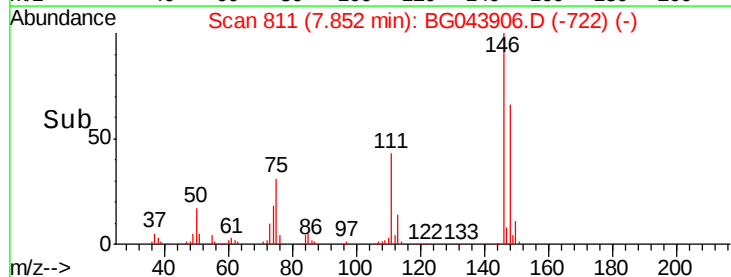
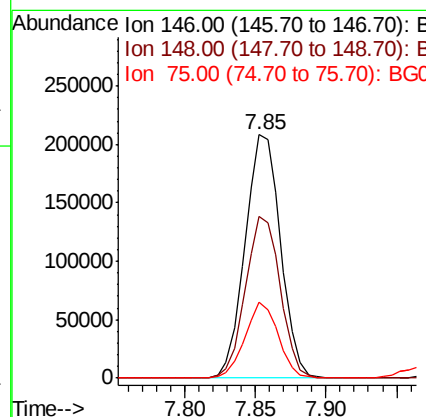
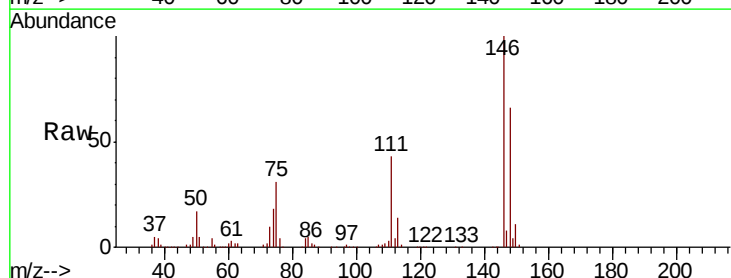
Manual Integrations
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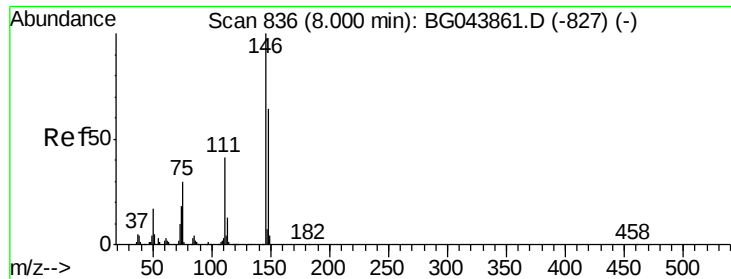
mohammad
1/6/2020 11:41:56 AM



#12
1,3-Dichlorobenzene
Concen: 36.422 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.1	78.1
75	31.0	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 37.555 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

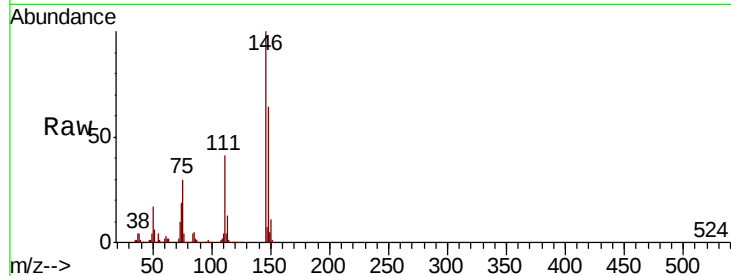
ClientSampleId :

PB125879BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	41.1	33.1	49.7

Manual Integrations
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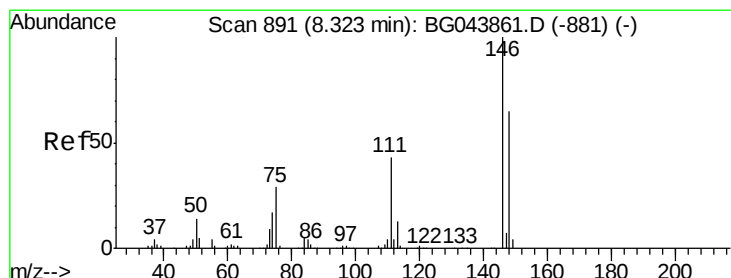
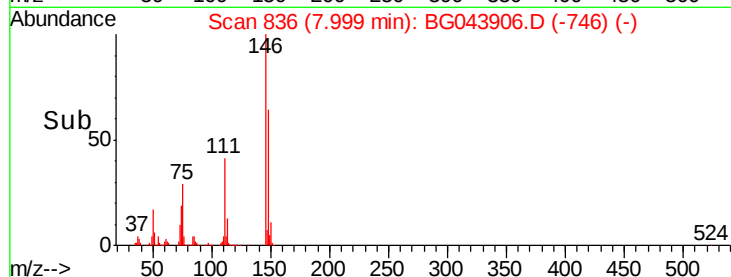
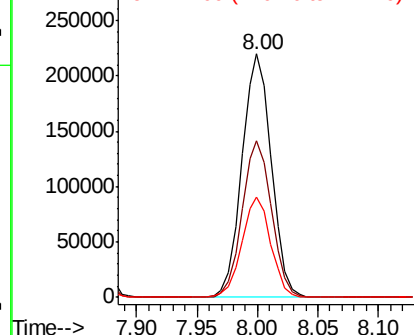


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.325 ng

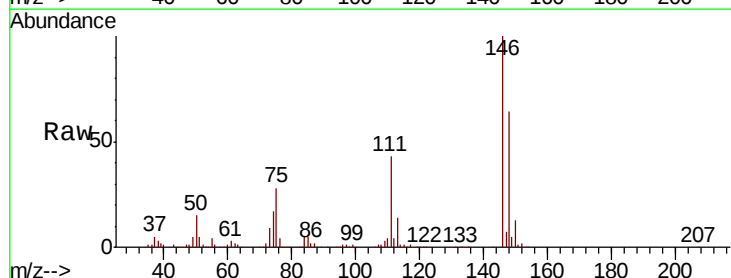
RT: 8.32 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	42.7	34.4	51.6

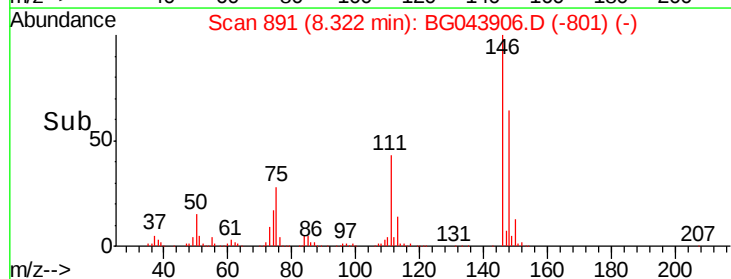
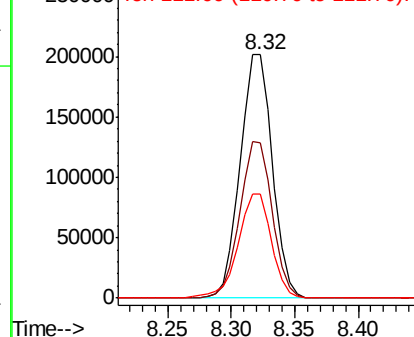


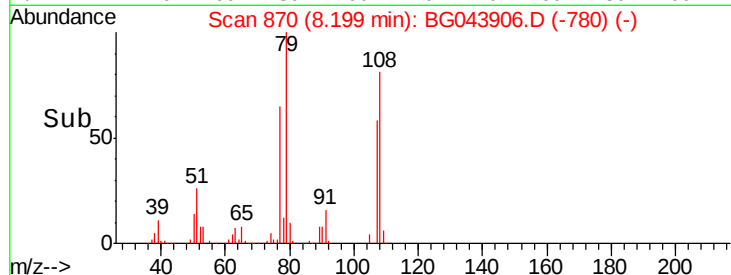
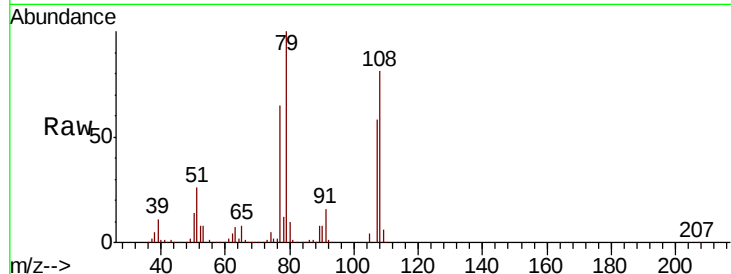
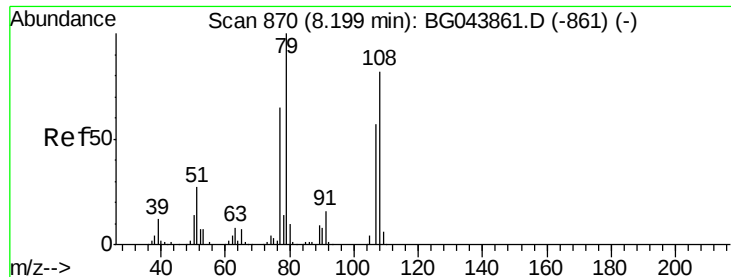
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





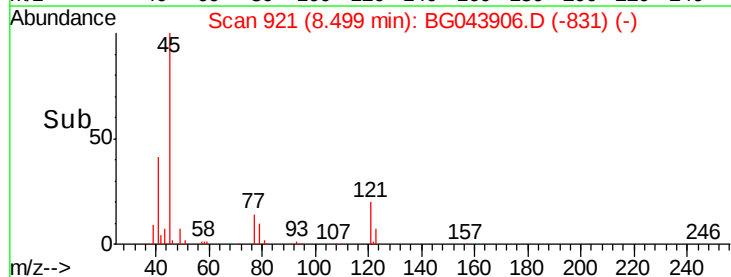
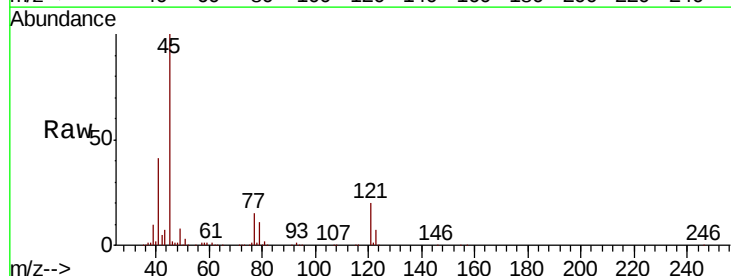
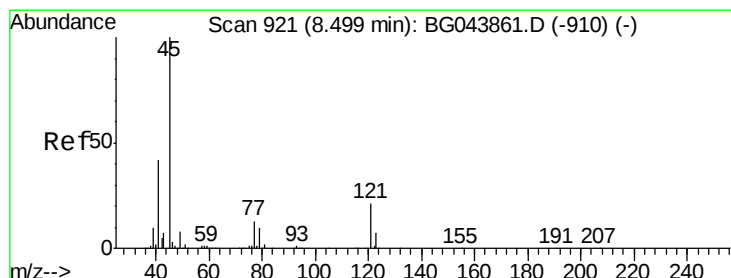
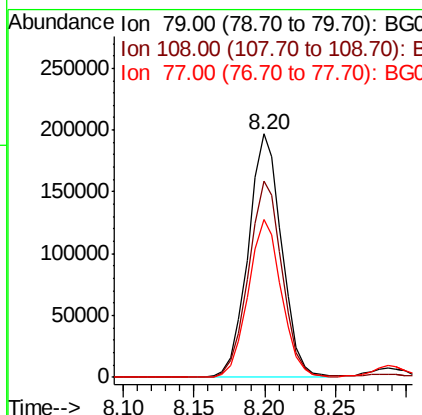
#15
Benzyl Alcohol
Concen: 40.621 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.5	65.6	98.4	
77	64.9	52.0	78.0	

Instrument :
BNA_G
ClientSampled :
PB125879BS

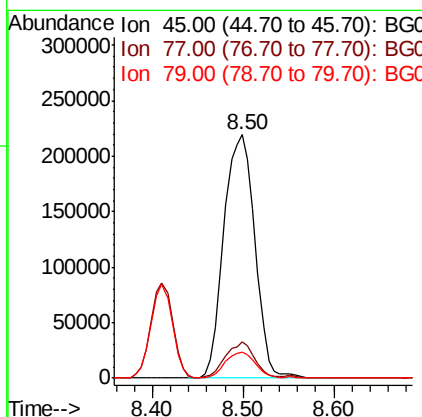
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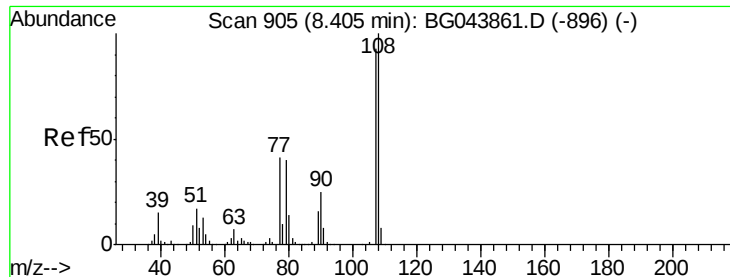
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.075 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.9	0.0	33.8	
79	10.9	0.0	31.0	





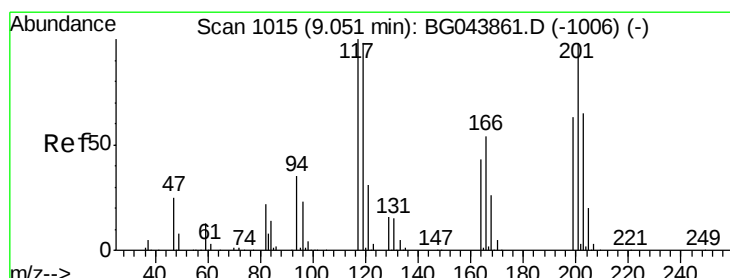
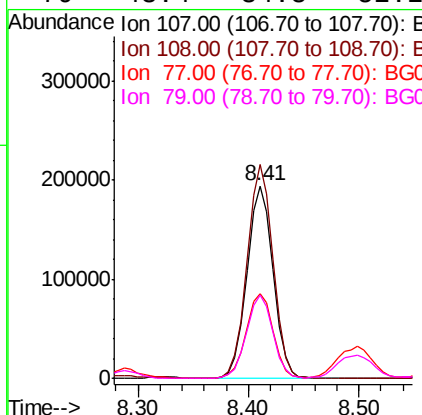
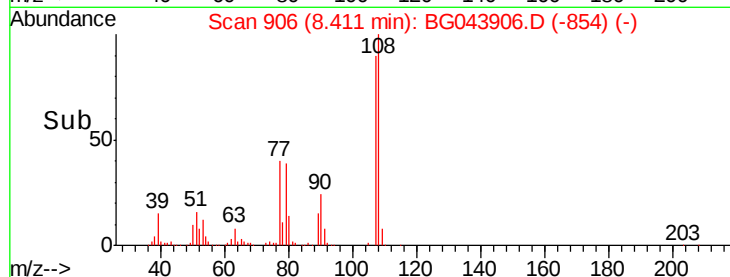
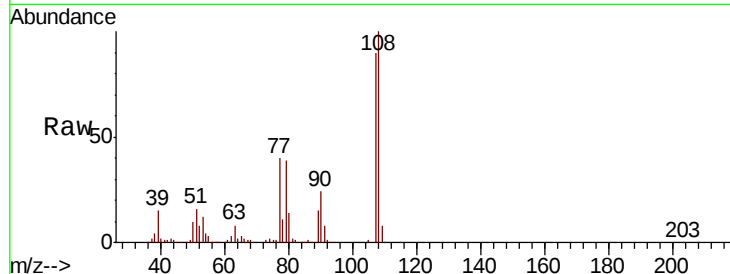
#17
2-Methylphenol
Concen: 42.508 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	86.1	129.1	
77	44.2	35.4	53.0	
79	43.4	34.8	52.2	

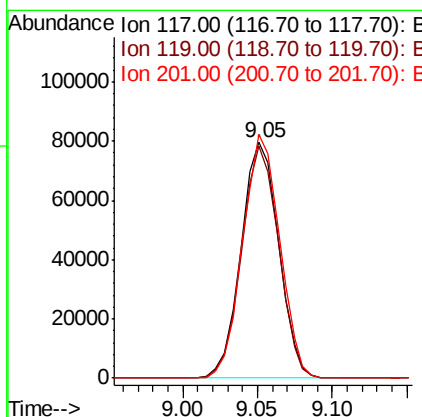
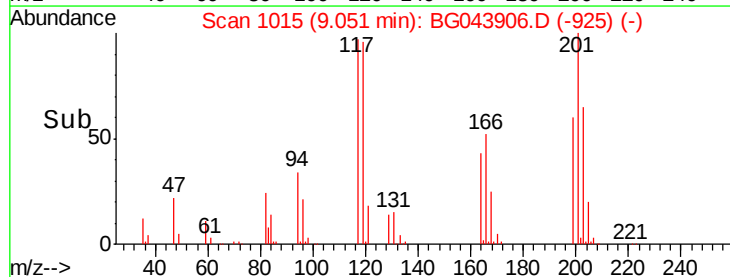
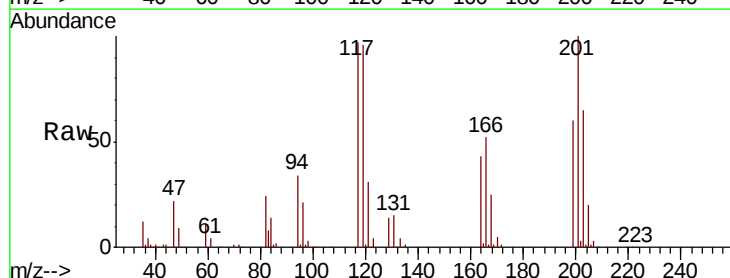
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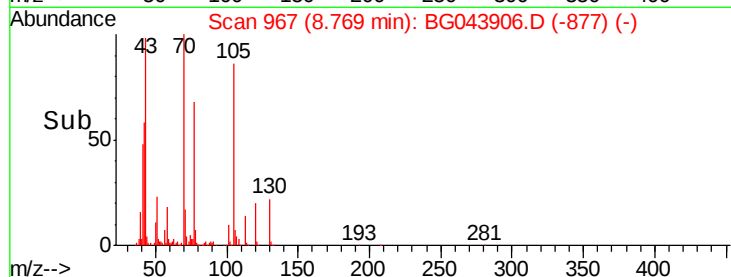
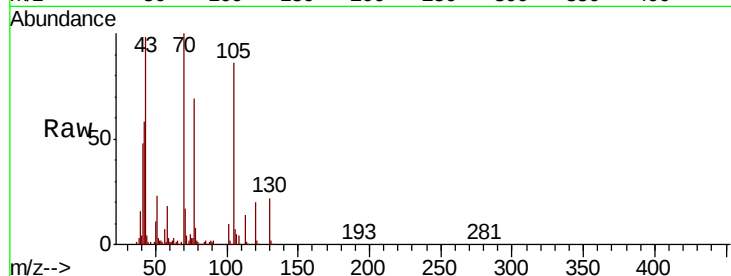
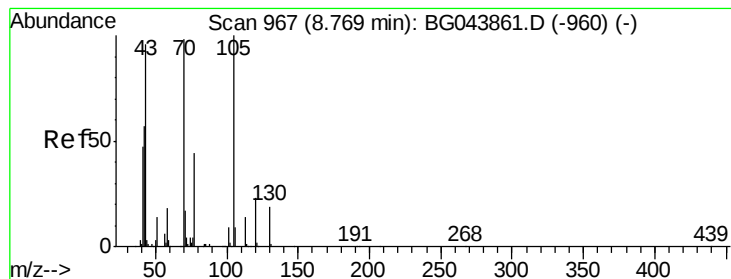
mohammad
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#18
Hexachloroethane
Concen: 36.011 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	78.1	117.1	
201	103.3	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 37.576 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion: 70 Resp: 285647

Ion Ratio Lower Upper

70 100

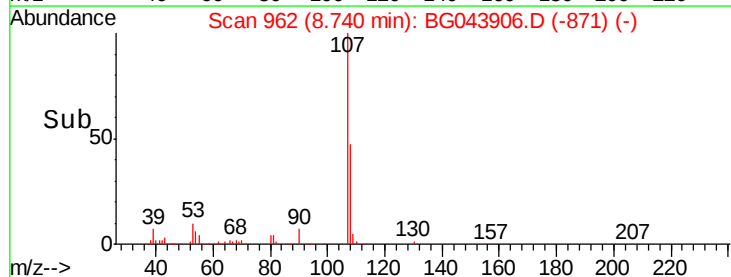
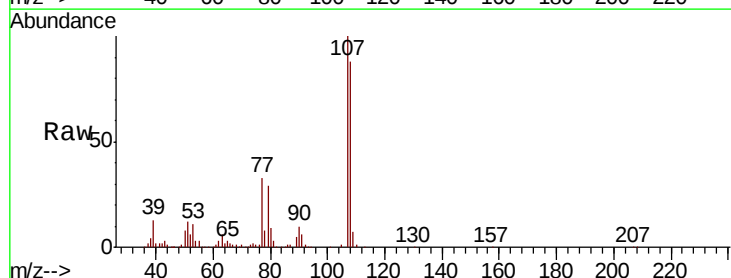
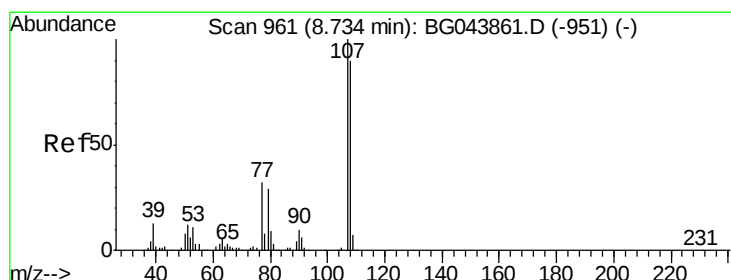
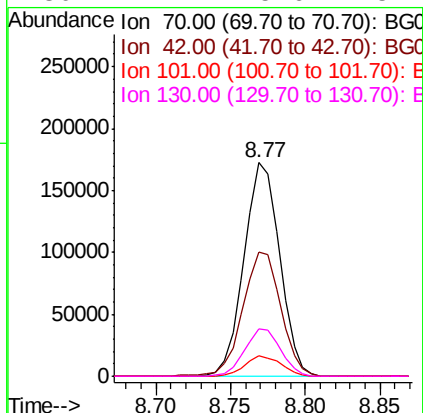
42 58.0 47.0 70.4

101 9.6 7.2 10.8

130 22.1 15.6 23.4

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#20

3+4-Methylphenols

Concen: 42.903 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Tgt Ion: 107 Resp: 455514

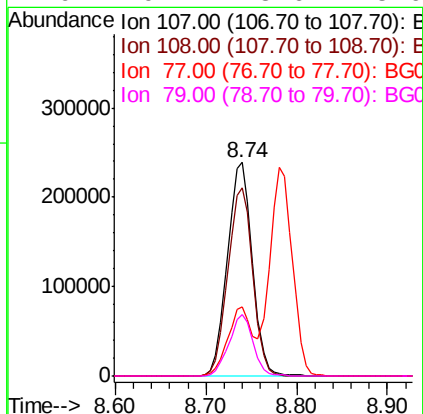
Ion Ratio Lower Upper

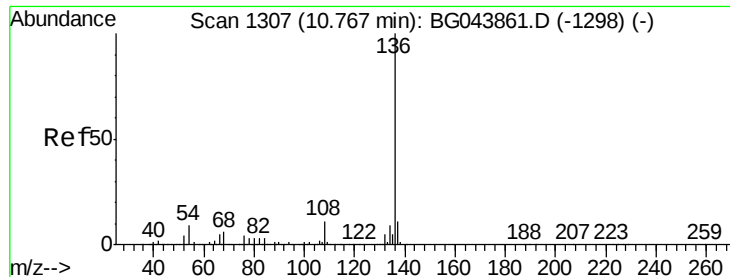
107 100

108 87.9 70.3 110.3

77 32.5 12.4 52.4

79 29.1 8.6 48.6





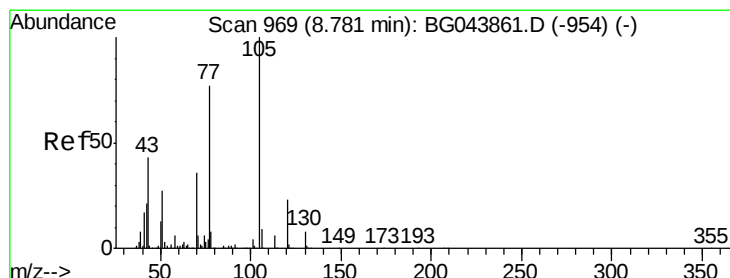
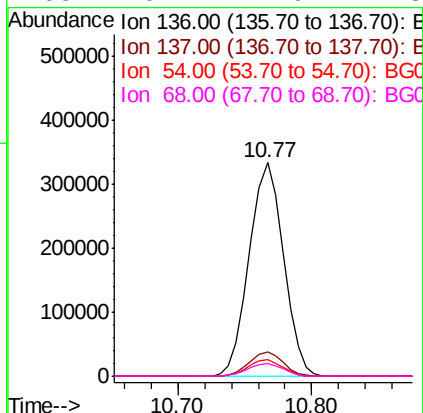
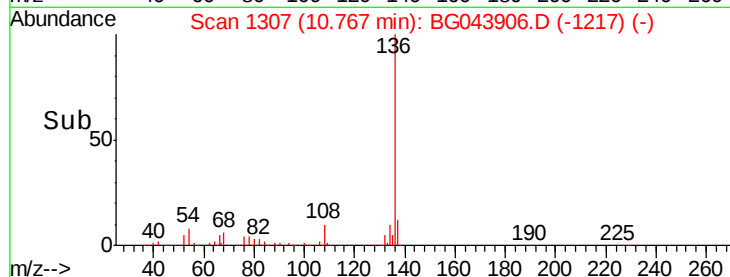
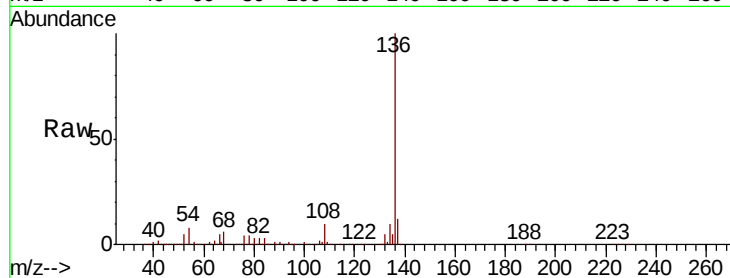
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	595733		
137	11.6		8.8	13.2
54	8.0		7.0	10.4
68	6.2		4.9	7.3

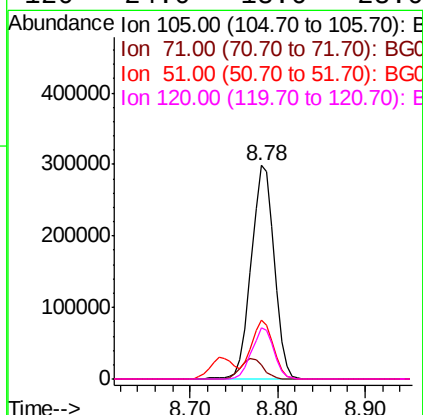
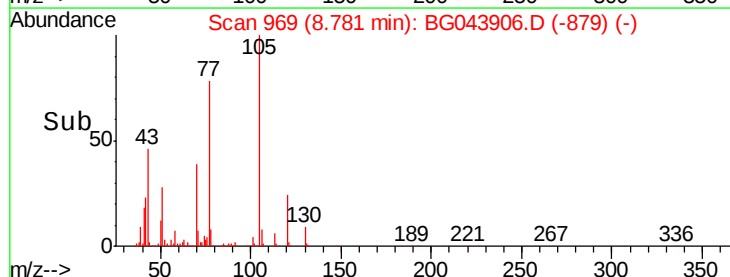
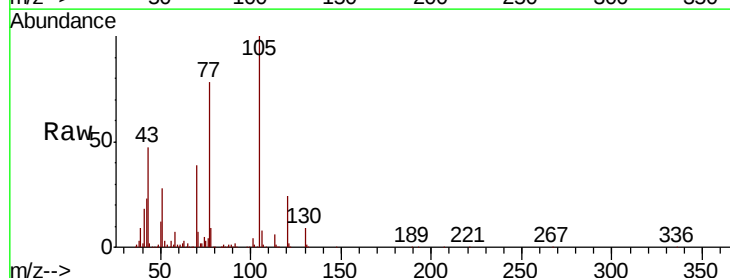
Manual Integrations
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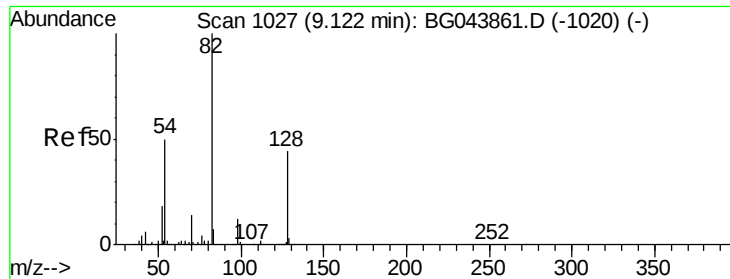
mohammad
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#22
Acetophenone
Concen: 35.842 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	530839		
71	6.5		4.8	7.2
51	27.9		21.4	32.0
120	24.0		18.6	28.0





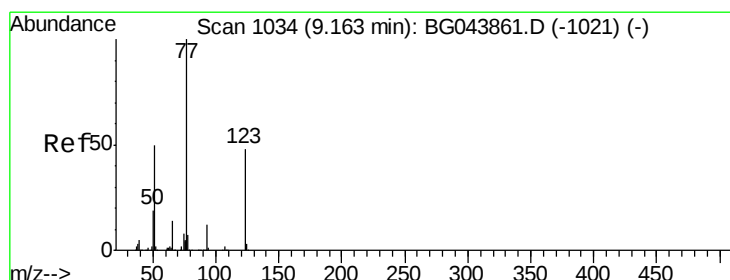
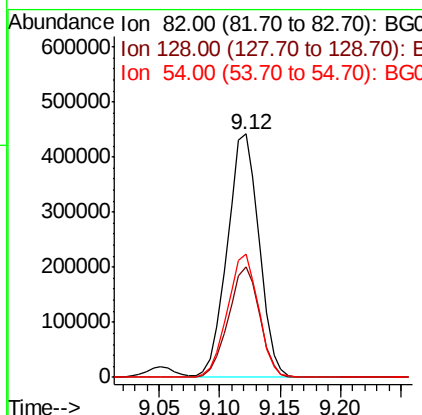
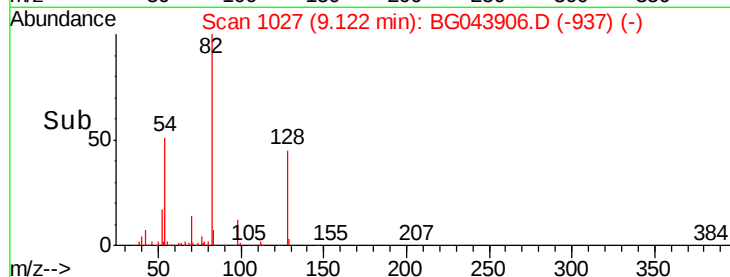
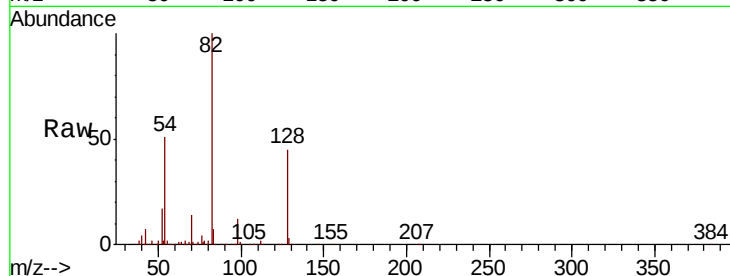
#23
Nitrobenzene-d5
Concen: 72.399 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	50.5	40.1	60.1

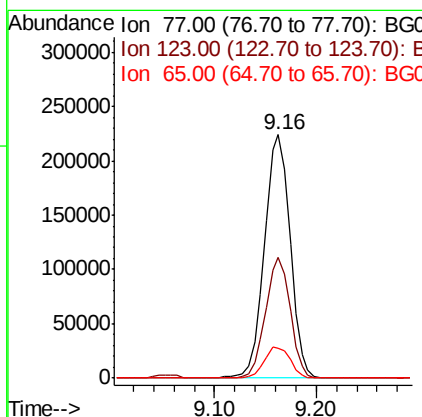
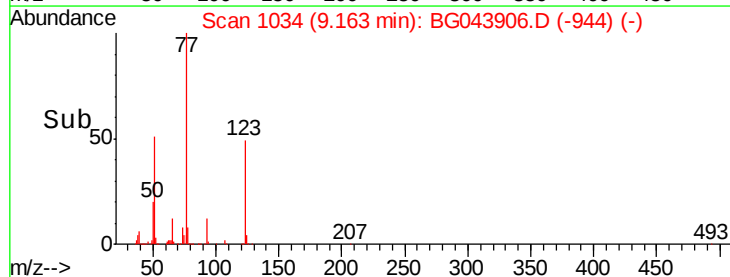
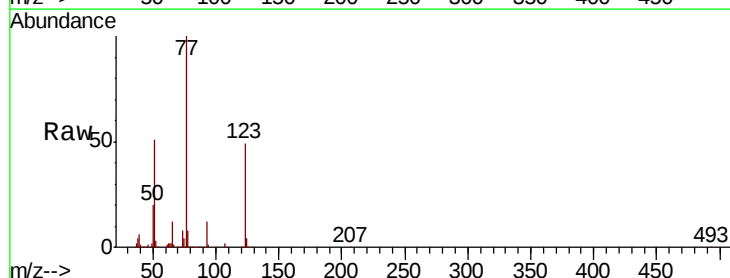
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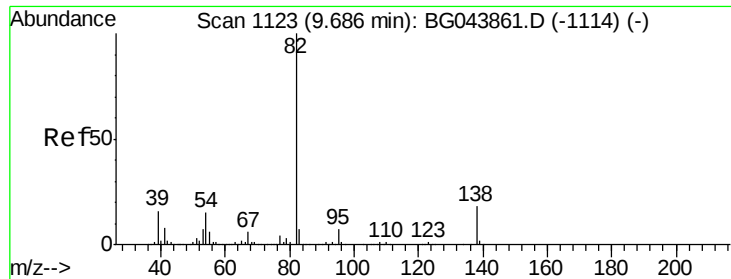
mohammad
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#24
Nitrobenzene
Concen: 35.764 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.7	58.1
65	12.3	11.1	16.7





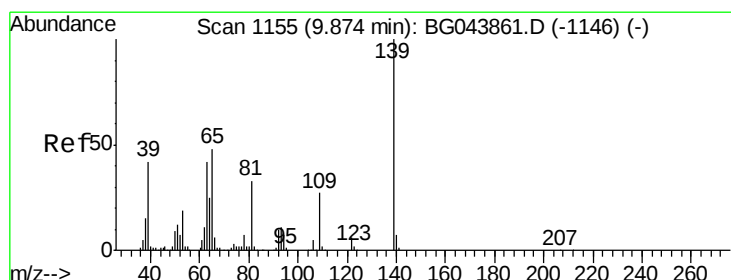
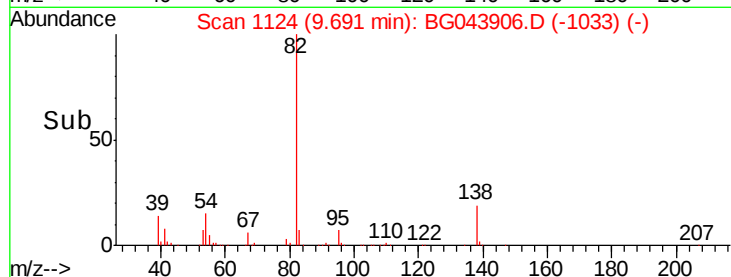
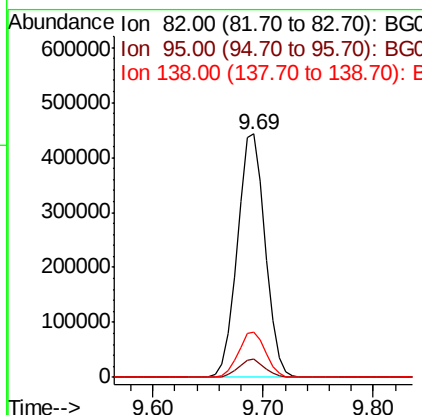
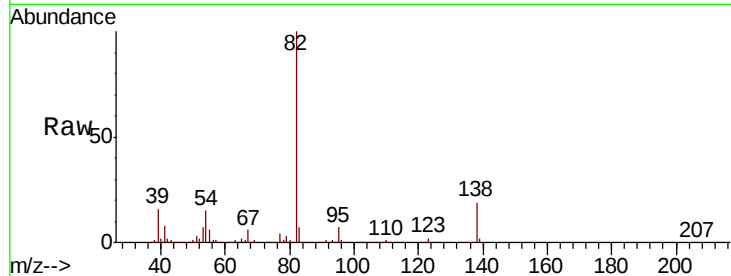
#25
Isophorone
Concen: 37.467 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	782772		
95	7.3		5.8	8.6
138	18.6		14.6	22.0

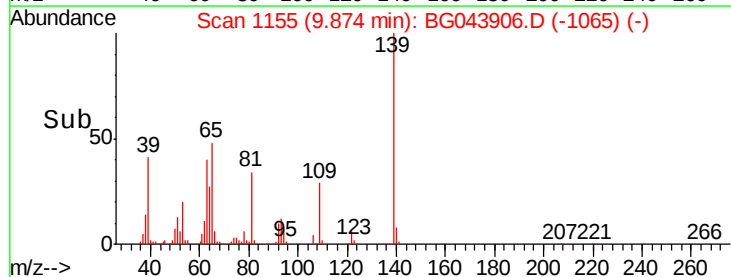
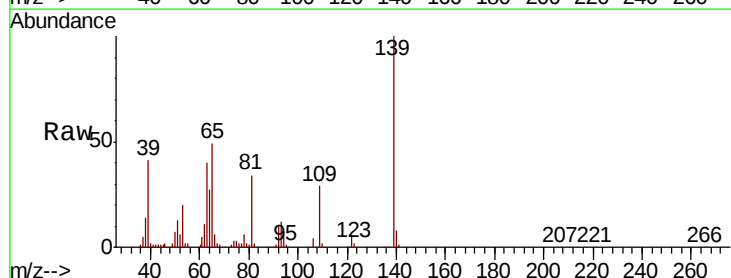
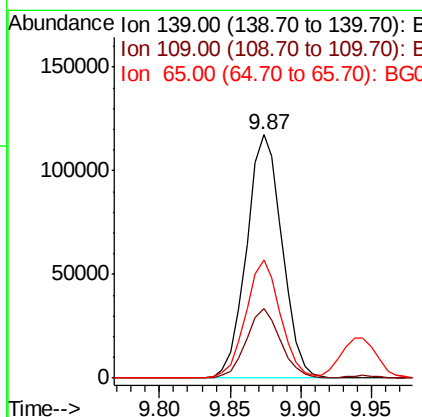
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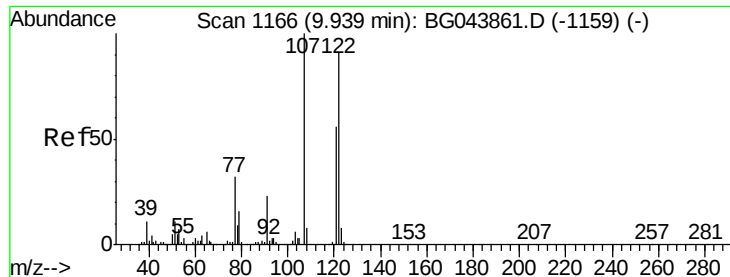
mohammad
1/6/2020 11:41:56 AM



#26
2-Nitrophenol
Concen: 39.651 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	206908		
109	28.6		21.3	31.9
65	48.7		38.6	57.8





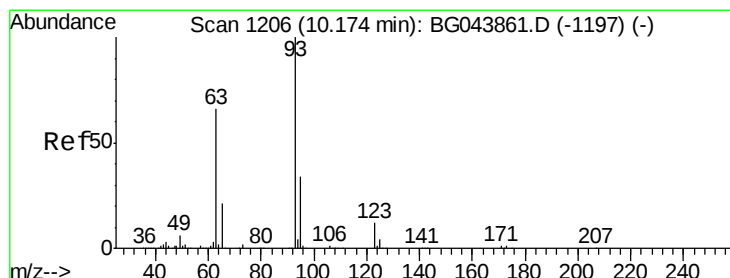
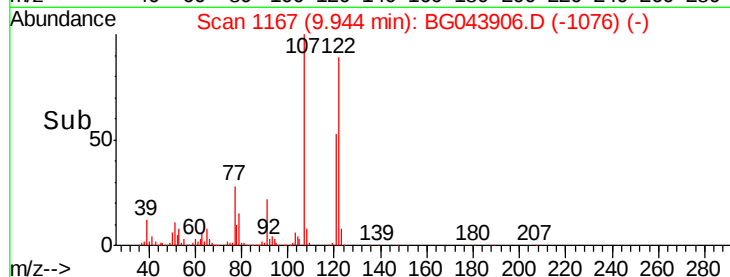
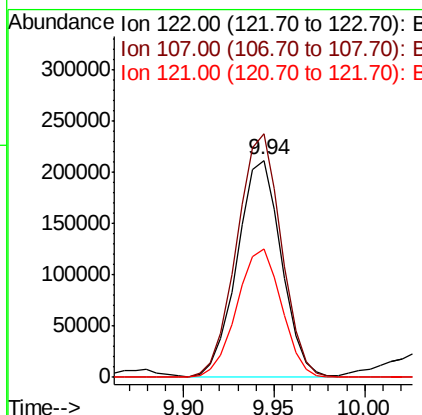
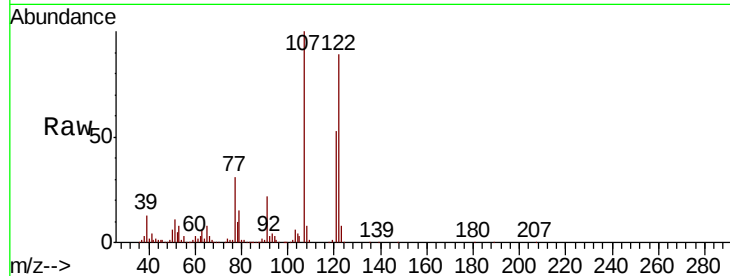
#27
2,4-Dimethylphenol
Concen: 46.020 ng
RT: 9.94 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	361488		
107	112.3	88.0	132.0	
121	59.5	49.0	73.4	

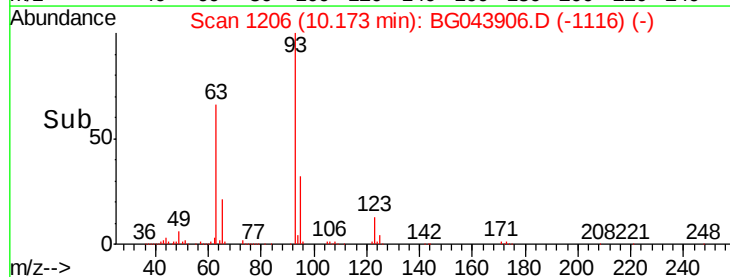
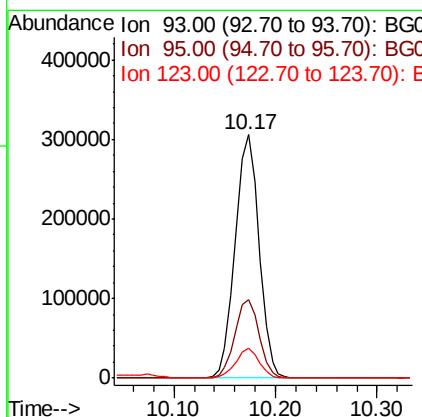
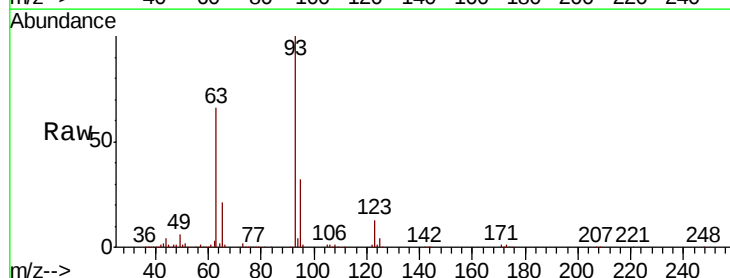
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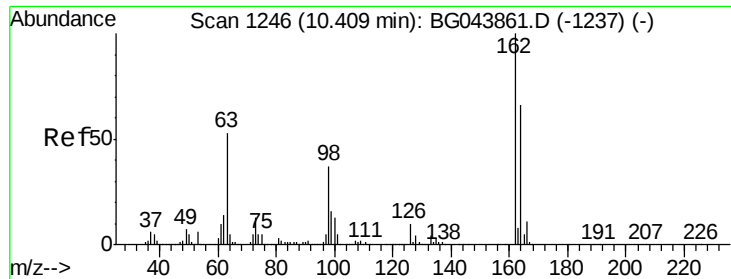
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.003 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	501468		
95	32.4	27.2	40.8	
123	12.5	9.7	14.5	





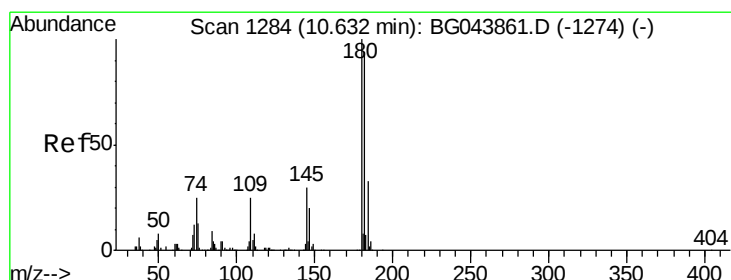
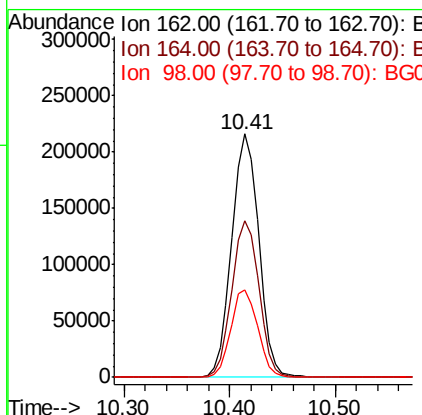
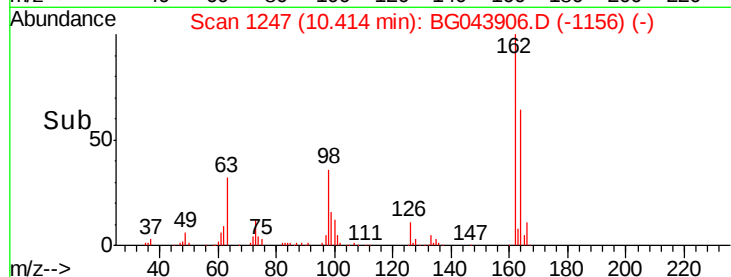
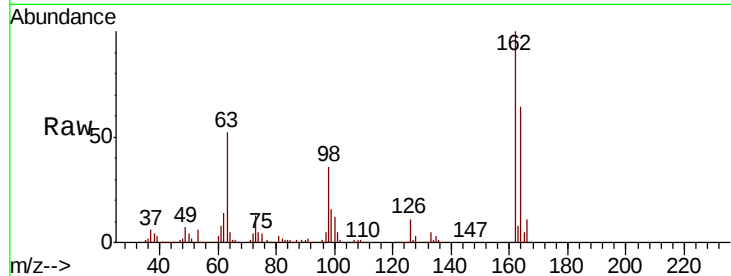
#29
 2,4-Dichlorophenol
 Concen: 40.718 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	46.3	86.3
98	36.0	17.3	57.3

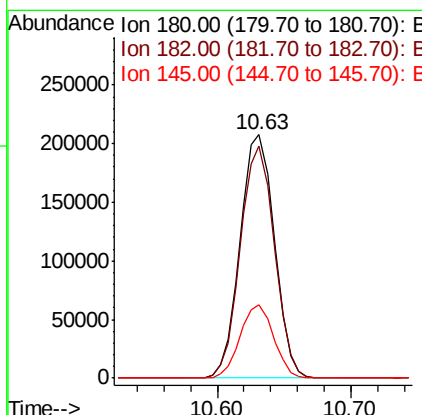
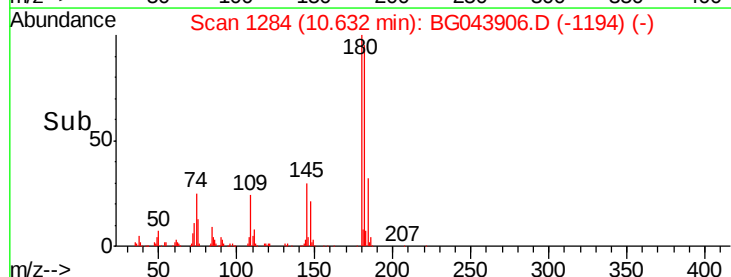
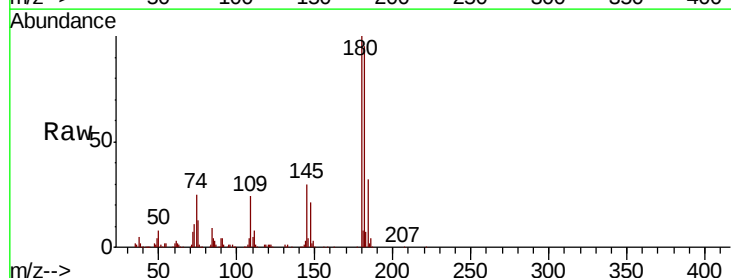
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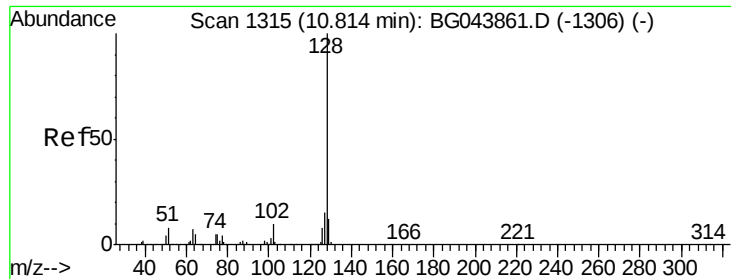
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.161 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	75.0	112.4
145	30.1	24.2	36.4





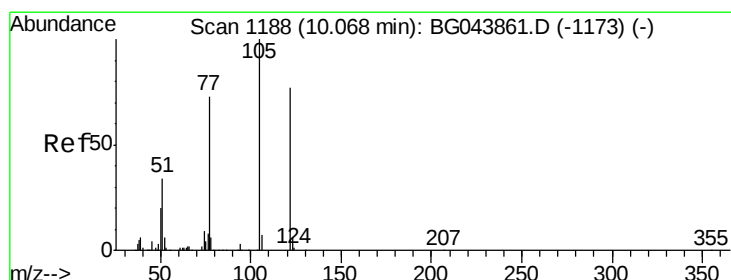
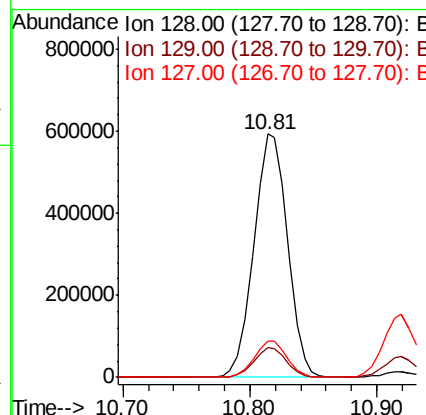
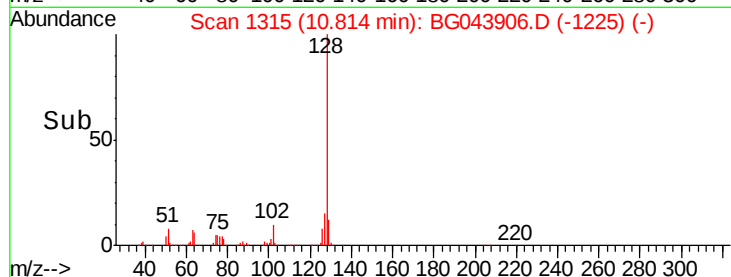
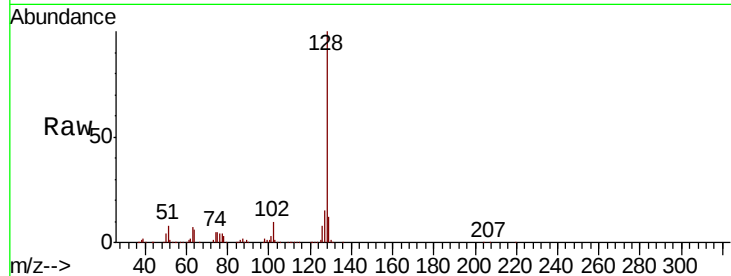
#31
Naphthalene
Concen: 37.872 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.9	12.0	18.0

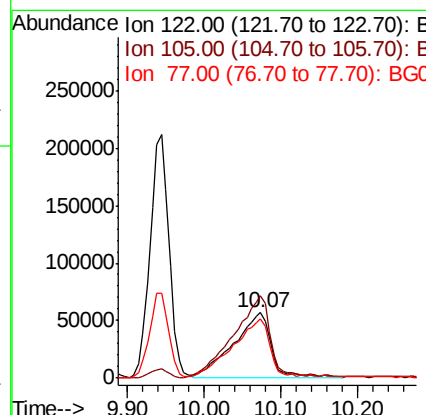
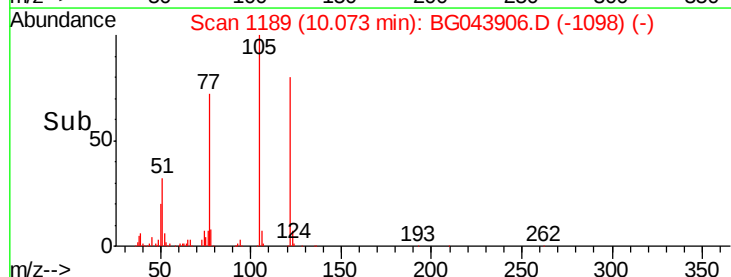
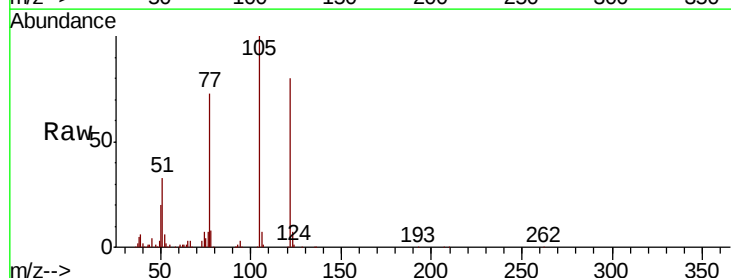
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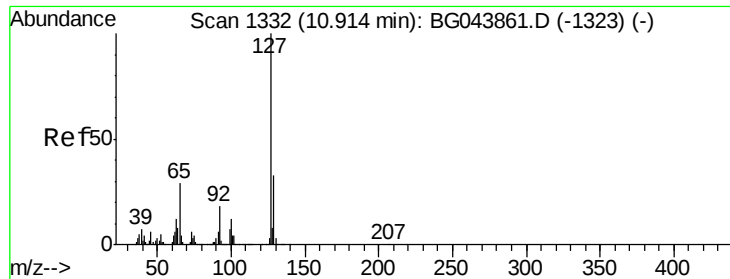
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#32
Benzoic acid
Concen: 33.089 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	106.4	146.4
77	90.8	74.6	114.6





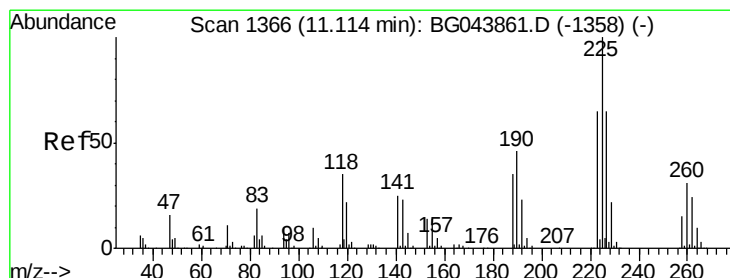
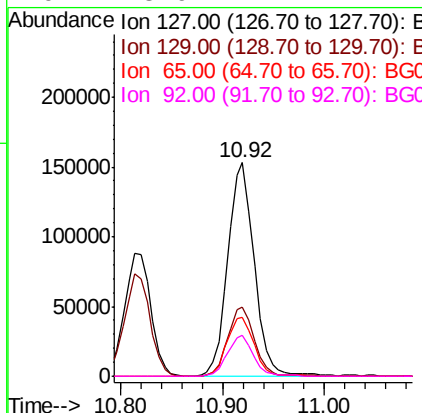
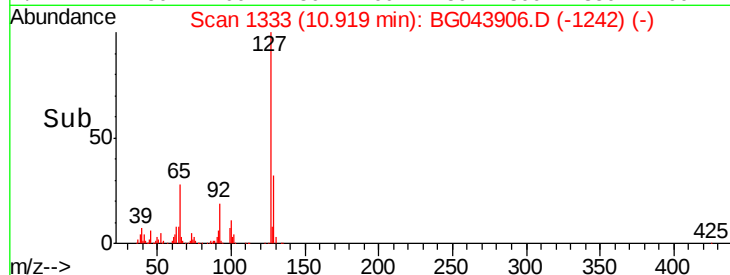
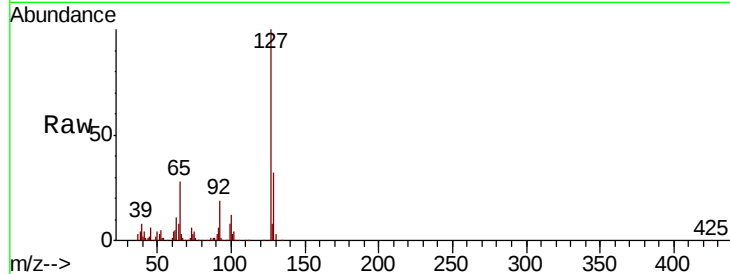
#33
4-Chloroaniline
Concen: 20.191 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	27.6	23.3	34.9
92	18.9	14.7	22.1

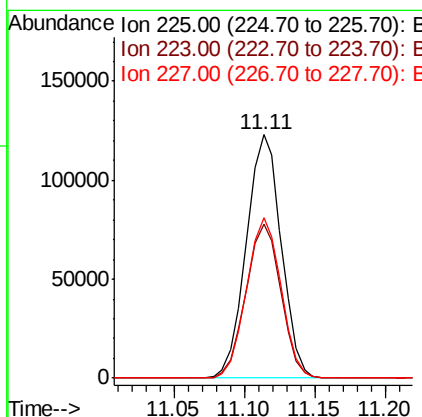
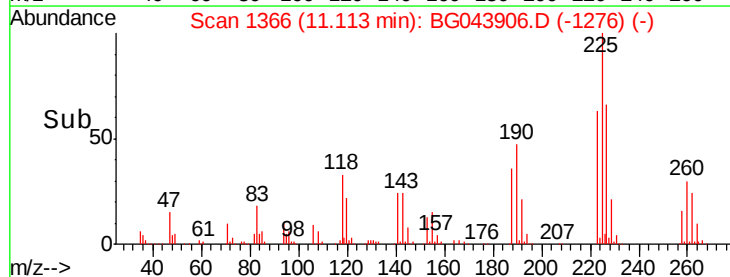
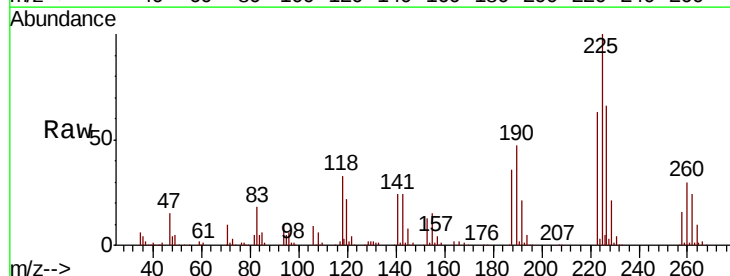
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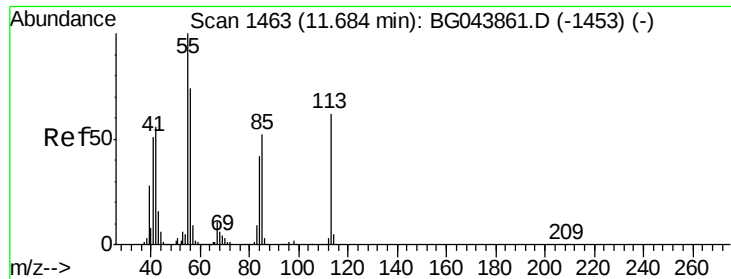
mohammad
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#34
Hexachlorobutadiene
Concen: 33.272 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.4
227	66.0	52.1	78.1





#35

Caprolactam

Concen: 40.825 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

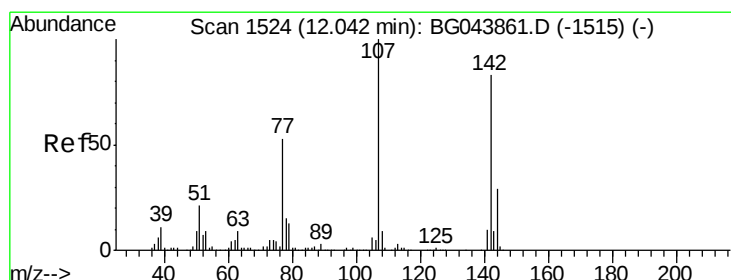
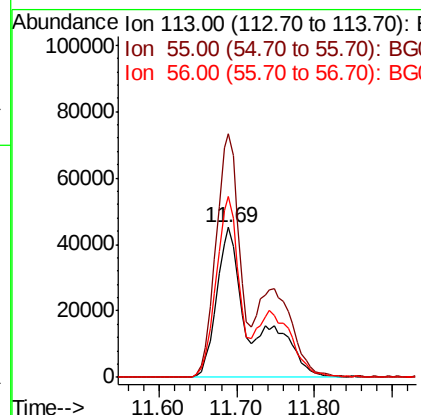
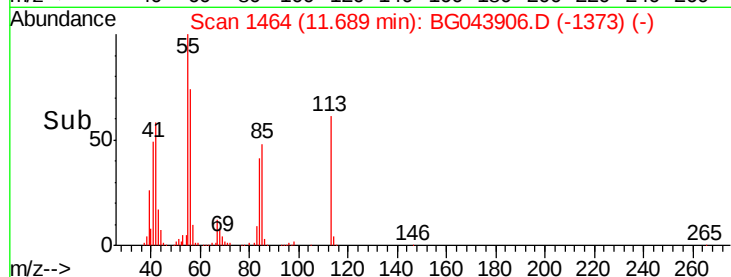
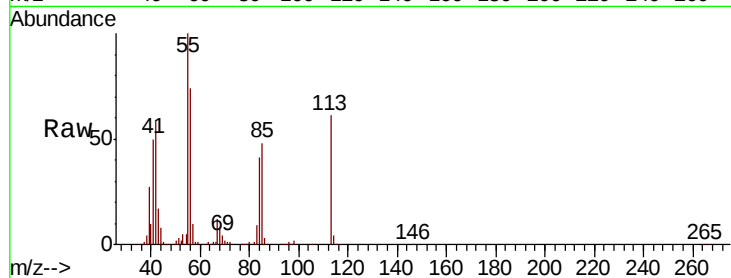
ClientSampleID :

PB125879BS

Tot Ion:	113	Resp:	142397
Ion Ratio	Lower	Upper	
113	100		
55	162.7	142.5	182.5
56	120.6	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 41.755 ng/mL

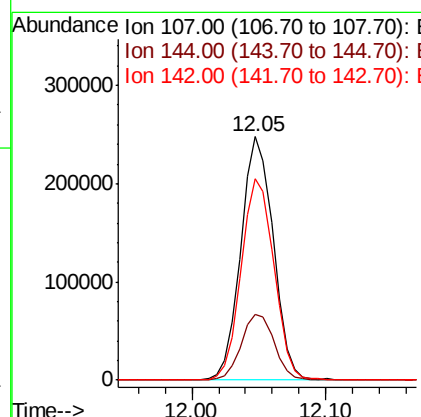
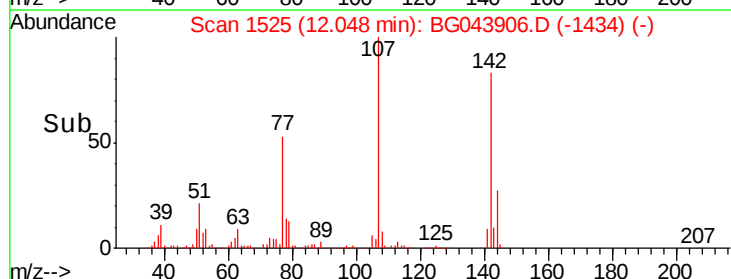
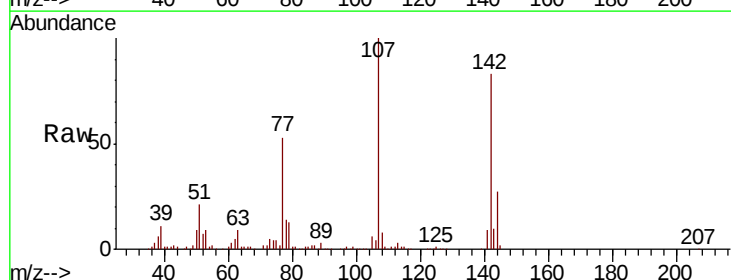
RT: 12.05 min Scan# 1525

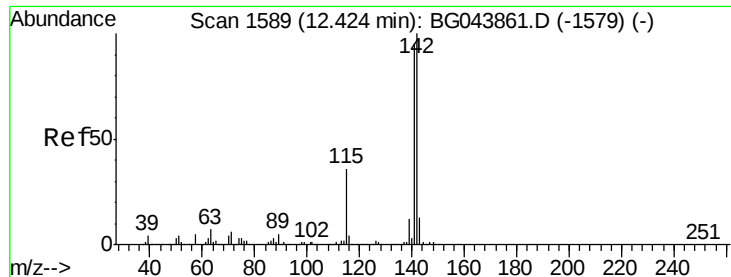
Delta R.T. 0.01 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Tgt Ion:	107	Resp:	416484
Ion Ratio	Lower	Upper	
107	100		
144	27.1	23.4	35.2
142	82.5	66.3	99.5





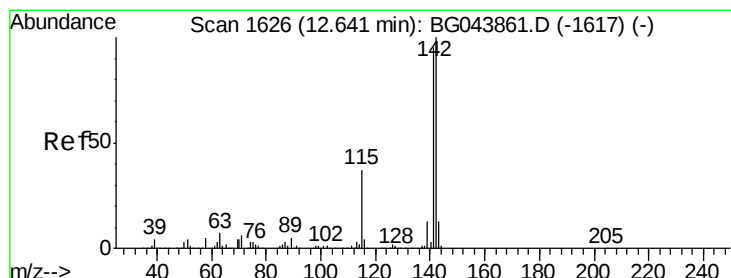
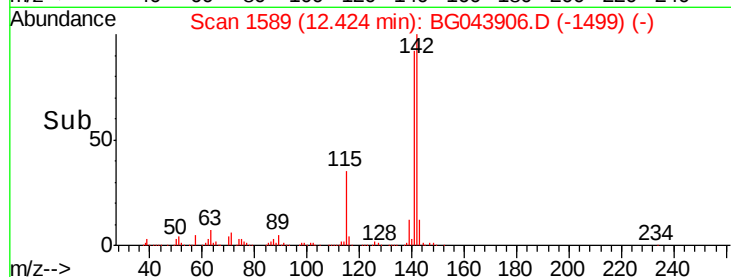
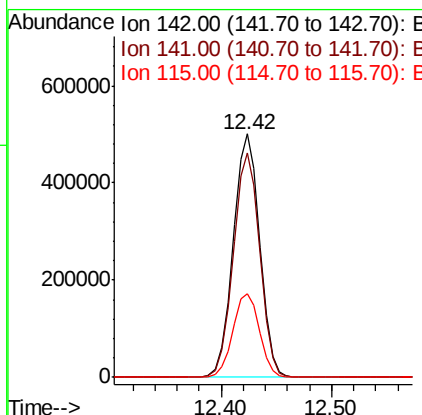
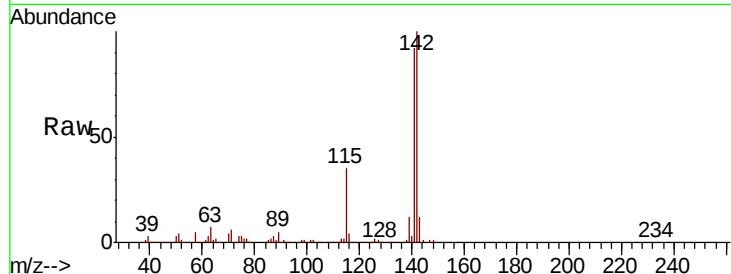
#37
2-Methylnaphthalene
Concen: 38.813 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.8
115	34.6	28.6	42.8

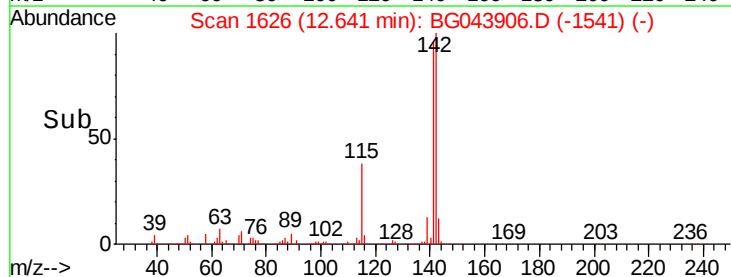
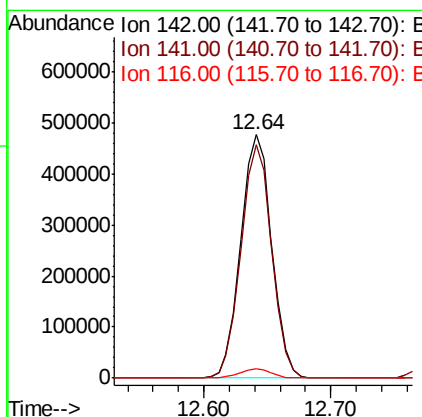
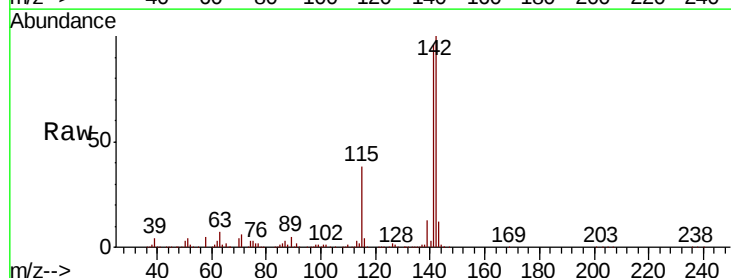
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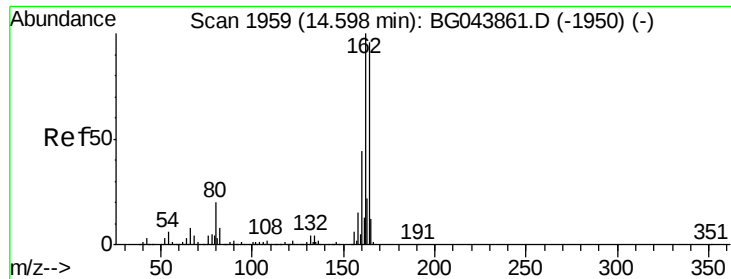
mohammad
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#38
1-Methylnaphthalene
Concen: 39.224 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	76.0	114.0
116	4.1	3.1	4.7





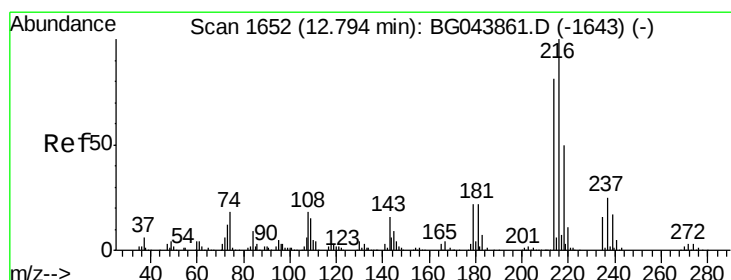
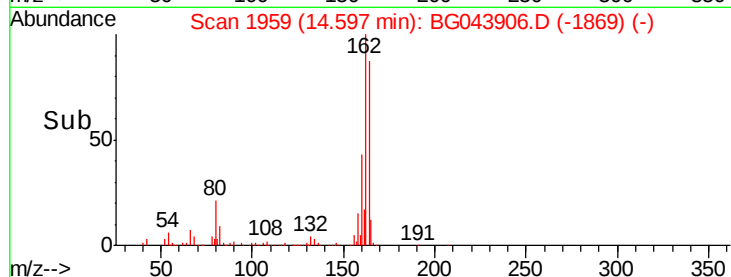
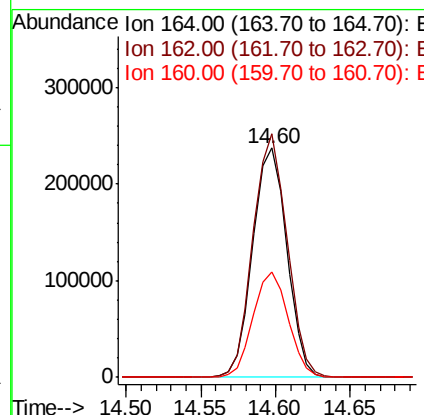
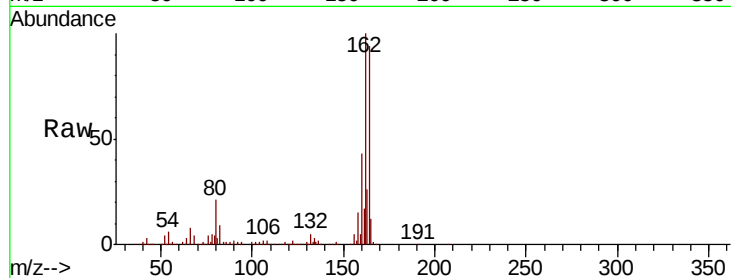
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	83.0	124.4	
160	45.9	36.1	54.1	

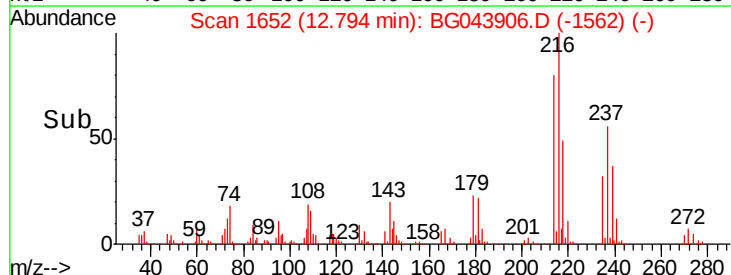
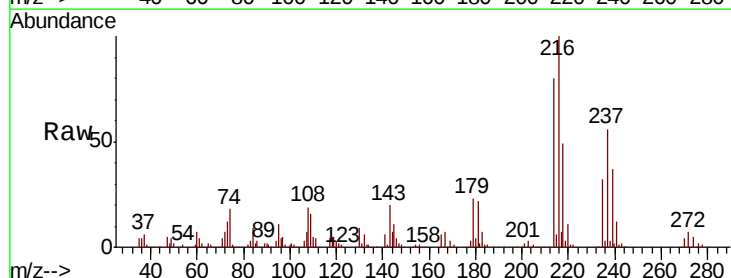
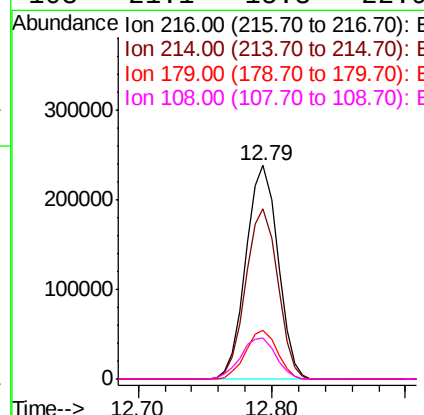
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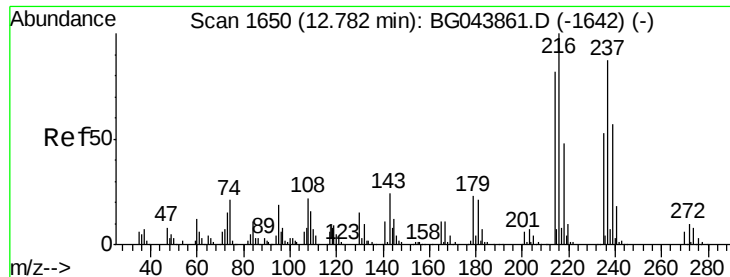
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.110 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.8	
179	22.4	17.3	25.9	
108	21.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 82.640 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

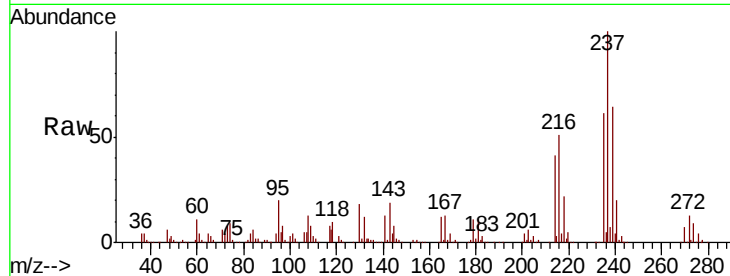
ClientSampleId :

PB125879BS

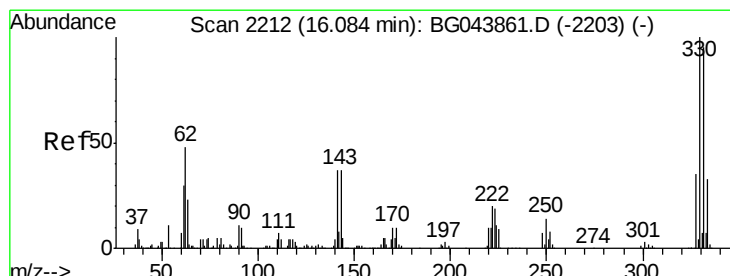
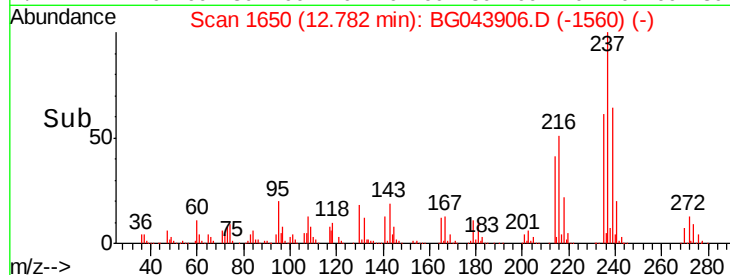
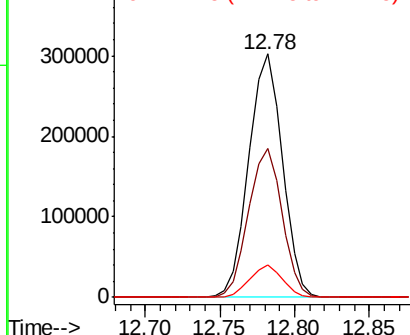
Tot Ion:	237	Resp:	470656
Ion Ratio	Lower	Upper	
237	100		
235	61.0	41.1	81.1
272	13.3	0.0	31.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.773 ng

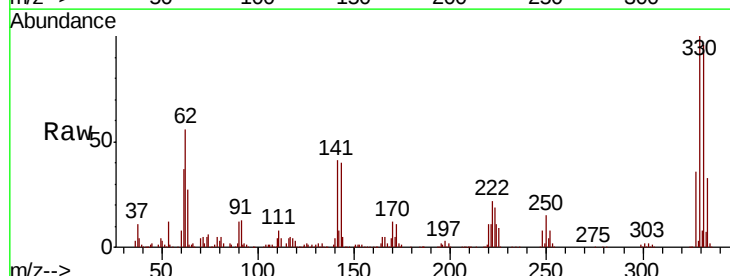
RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

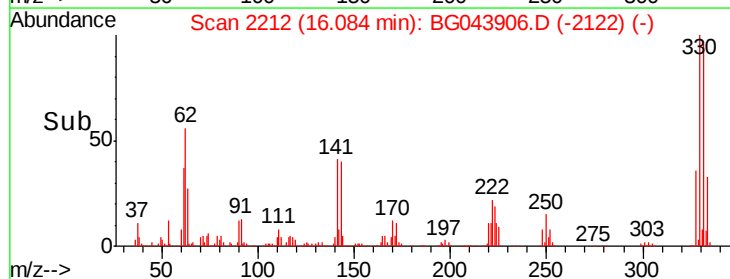
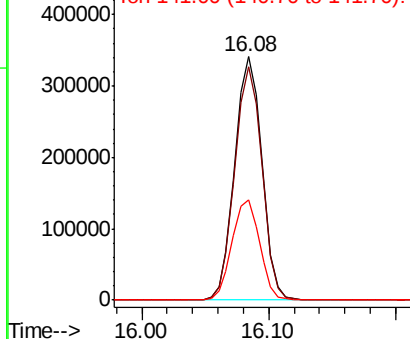
Lab File: BG043906.D

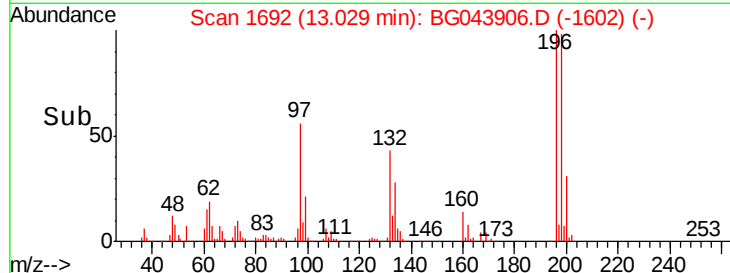
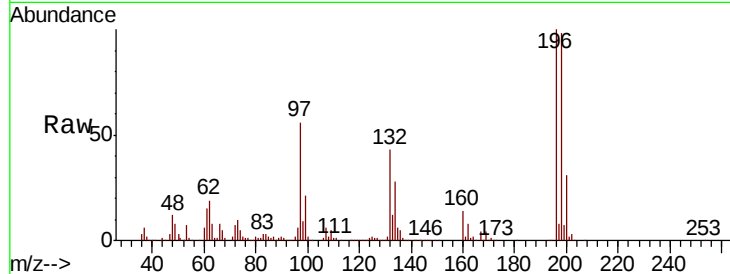
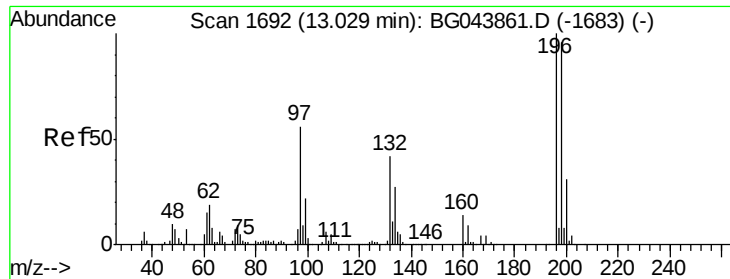
Acq: 4 Jan 2020 3:06

Tgt Ion:	330	Resp:	505072
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	42.1	33.1	49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





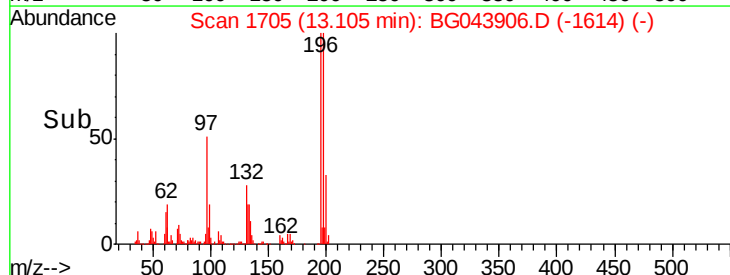
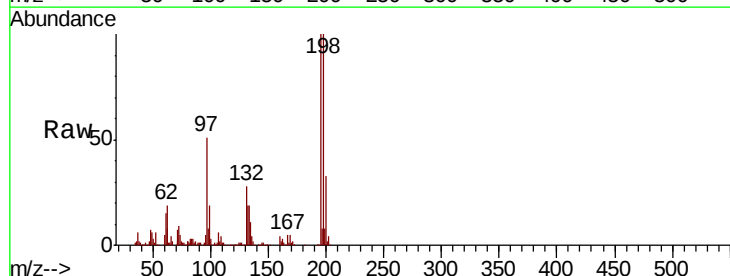
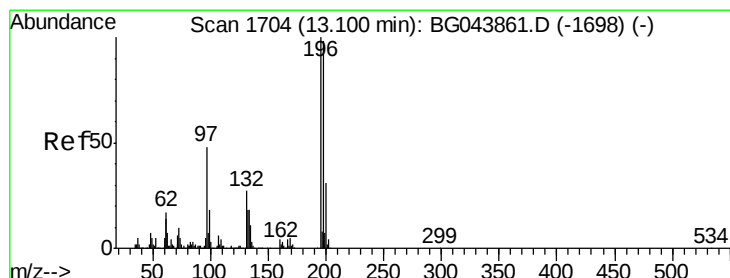
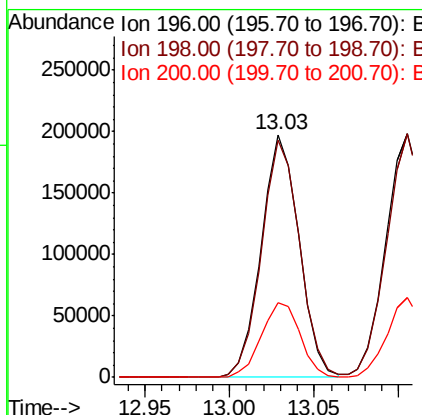
#43
2,4,6-Trichlorophenol
Concen: 40.564 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tot Ion	Ratio	Resp	Lower	Upper
196	100	306618		
198	97.7	76.6	115.0	
200	30.8	24.6	37.0	

Instrument :
BNA_G
ClientSampleId :
PB125879BS

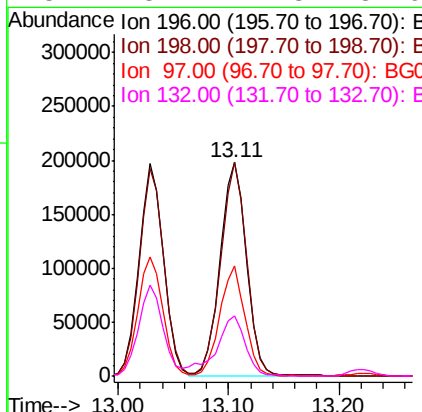
Manual Integrations
APPROVED

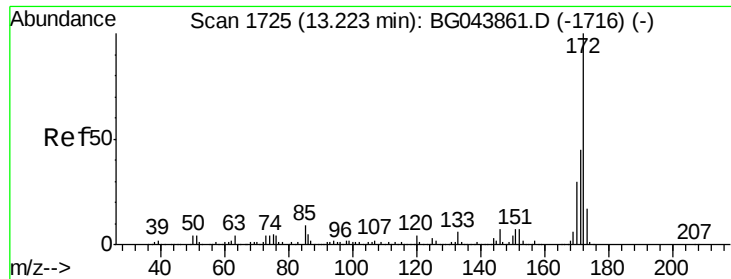
mohammad
1/6/2020 11:41:56 AM



#44
2,4,5-Trichlorophenol
Concen: 42.318 ng
RT: 13.11 min Scan# 1705
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329911		
198	100.1	78.3	117.5	
97	51.3	38.8	58.2	
132	28.1	21.3	31.9	





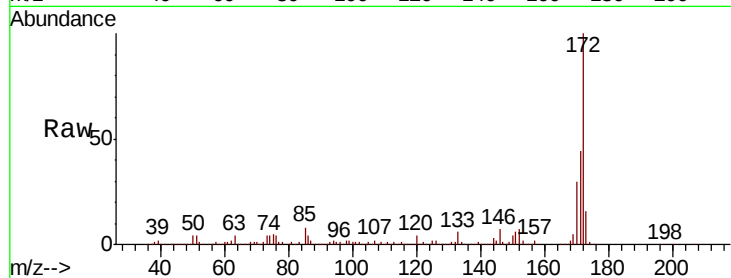
#45
2-Fluorobiphenyl
Concen: 83.785 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.8	35.8	53.8
170	29.6	24.2	36.4

Manual Integrations
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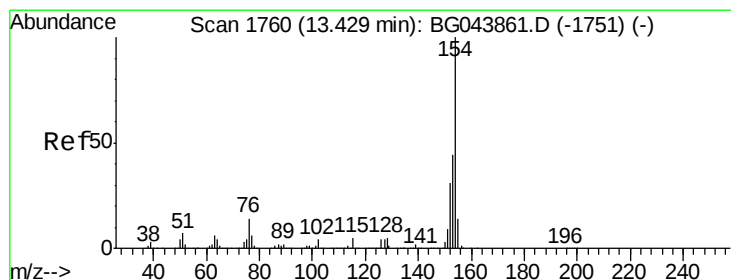
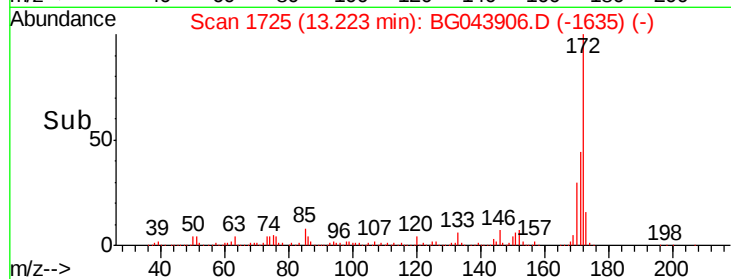
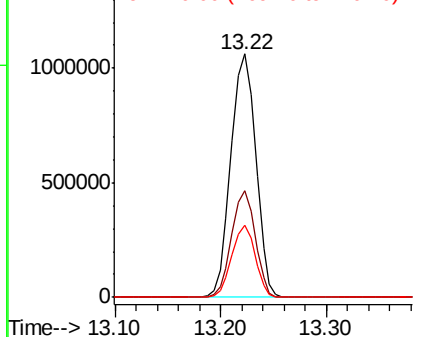


Abundance

Ion 172.00 (171.70 to 172.70): E

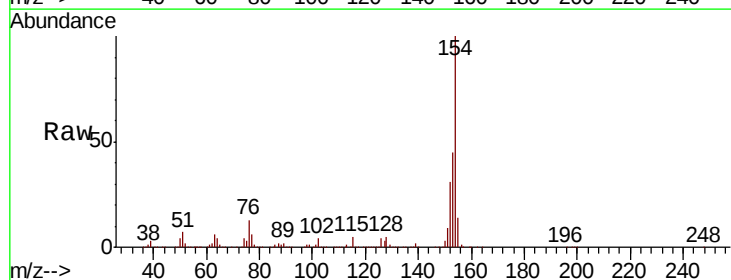
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.847 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	23.6	63.6
76	13.4	0.0	34.4

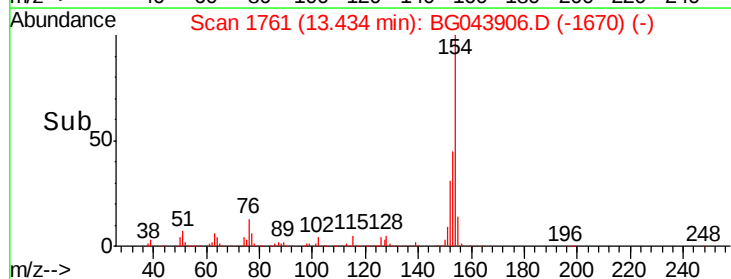
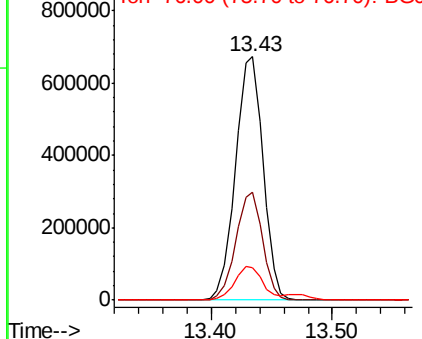


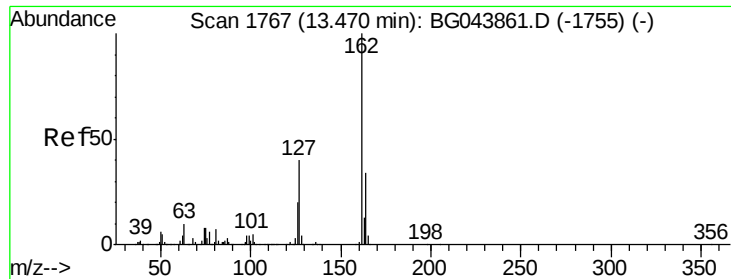
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





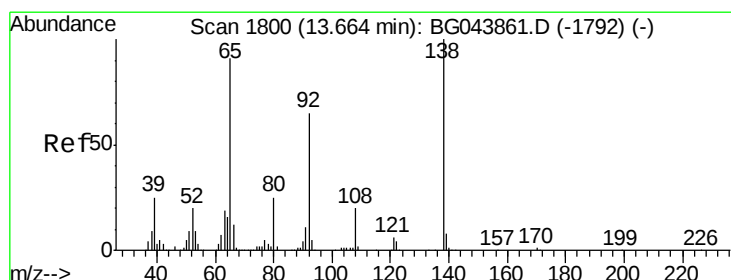
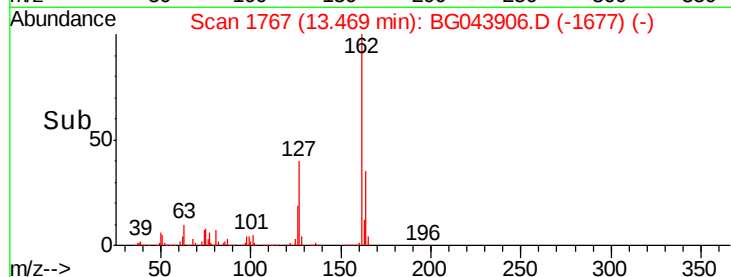
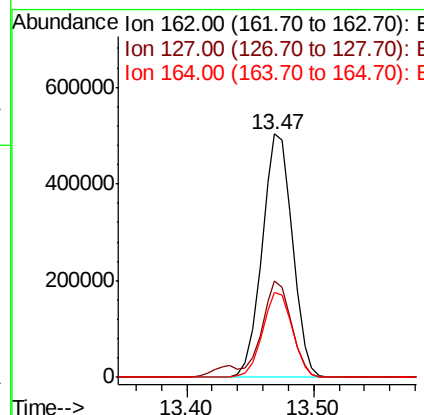
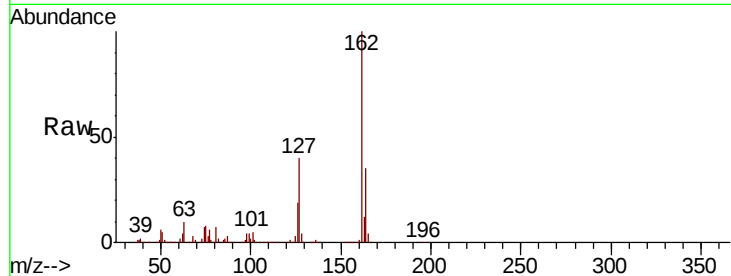
#47
2-Chloronaphthalene
Concen: 38.610 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.8	32.1	48.1	
164	34.9	27.5	41.3	

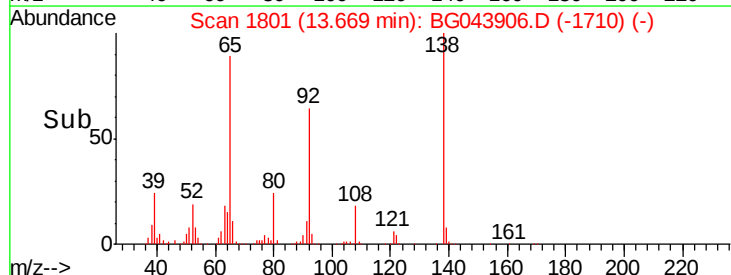
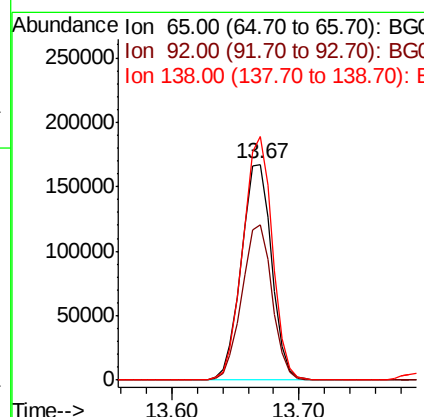
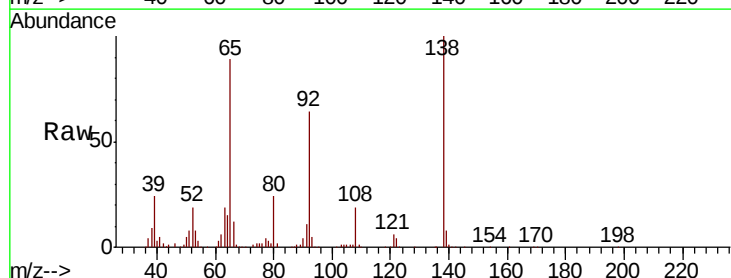
Manual Integrations
APPROVED

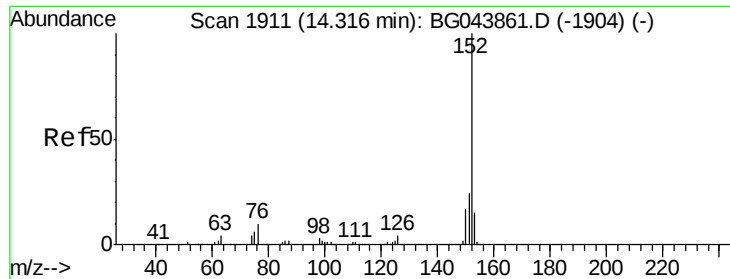
mohammad
1/6/2020 11:41:56 AM



#48
2-Nitroaniline
Concen: 39.777 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.1	57.4	86.2	
138	112.9	88.2	132.4	





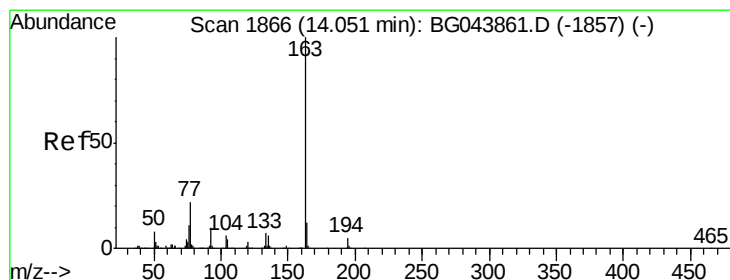
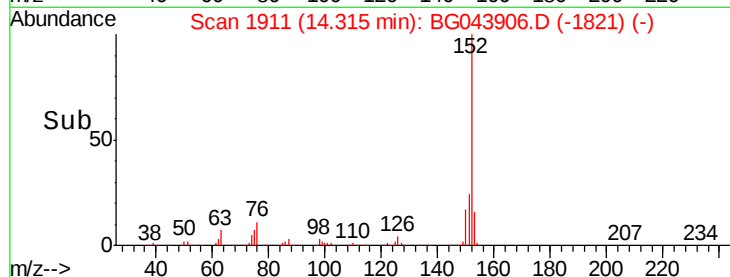
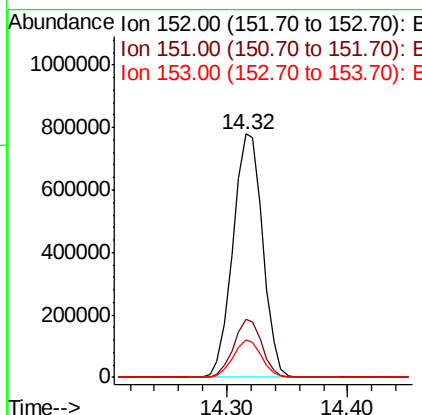
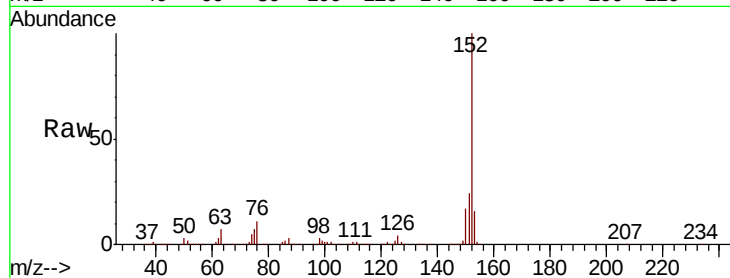
#49
Acenaphthylene
Concen: 42.722 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	23.8	19.4	29.2	
153	15.6	12.0	18.0	

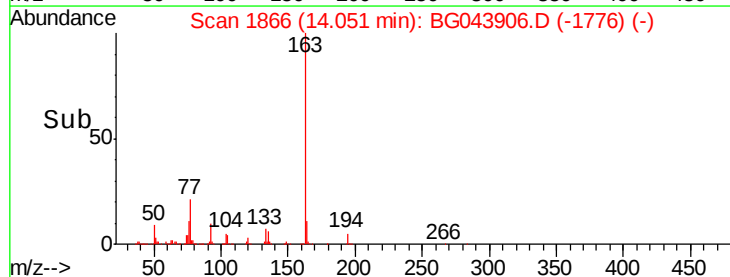
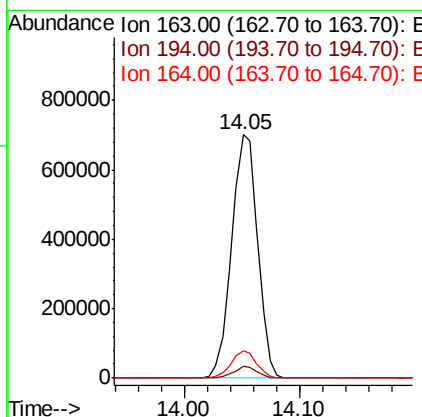
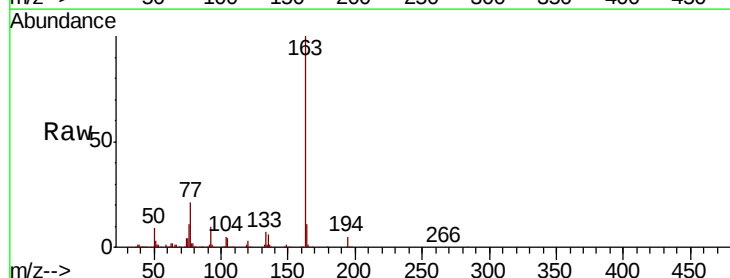
Manual Integrations
APPROVED

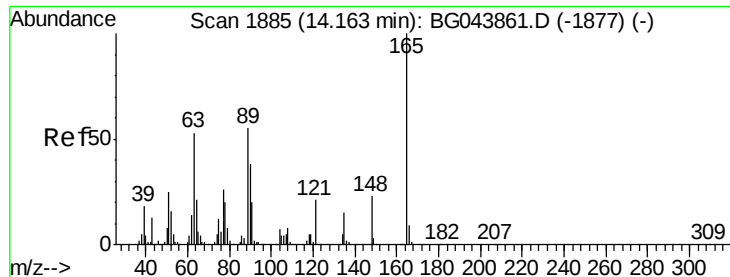
mohammad
1/6/2020 11:41:56 AM



#50
Dimethylphthalate
Concen: 40.958 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.7	3.7	5.5	
164	11.4	9.3	13.9	





#51

2,6-Dinitrotoluene

Concen: 42.152 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion:165 Resp: 253542

Ion Ratio Lower Upper

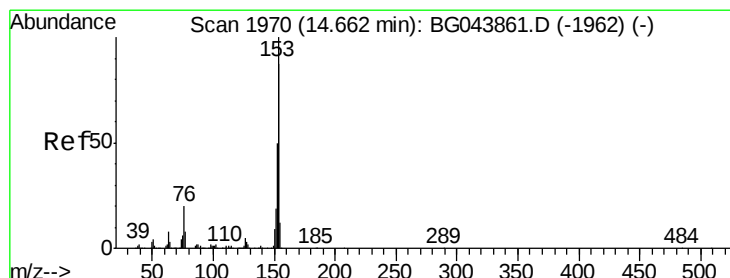
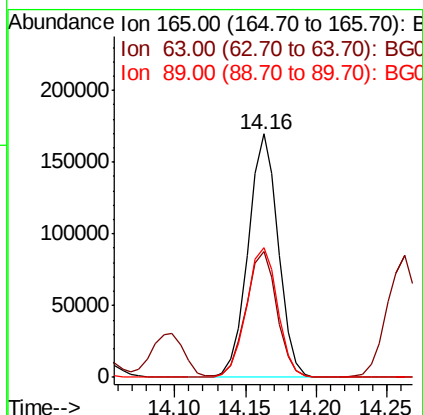
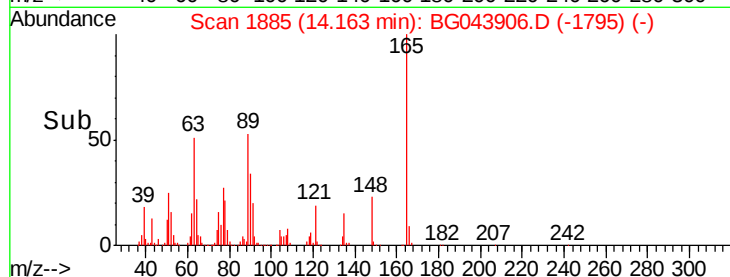
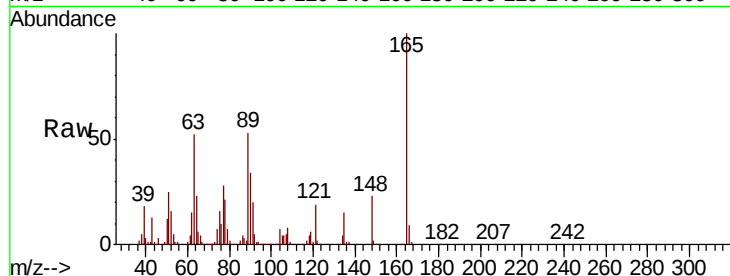
165 100

63 51.7 43.1 64.7

89 53.3 43.8 65.6

Manual Integrations
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#52

Acenaphthene

Concen: 38.444 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

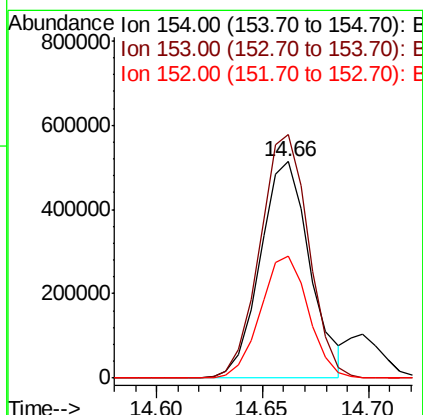
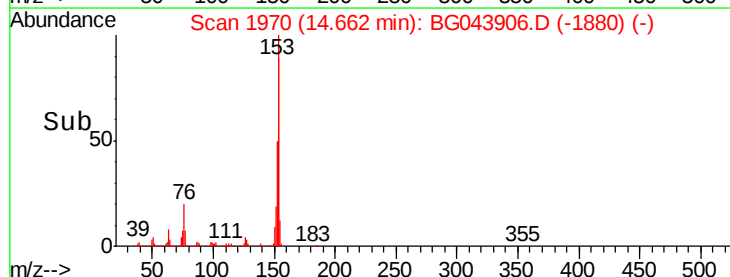
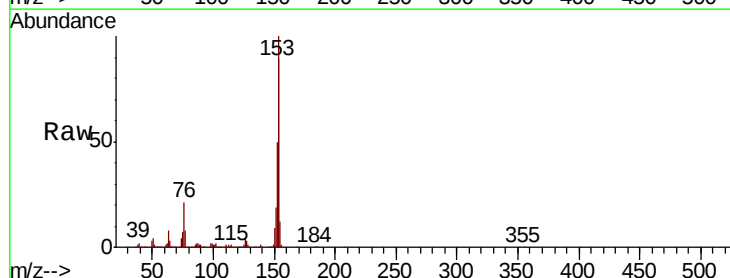
Tgt Ion:154 Resp: 841443

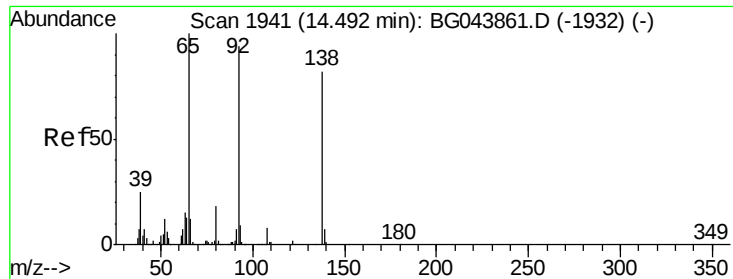
Ion Ratio Lower Upper

154 100

153 112.4 91.6 137.4

152 56.2 45.4 68.0





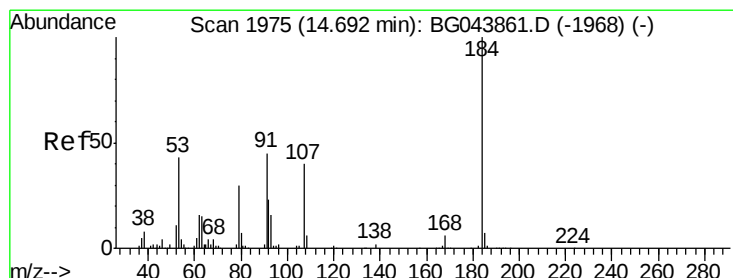
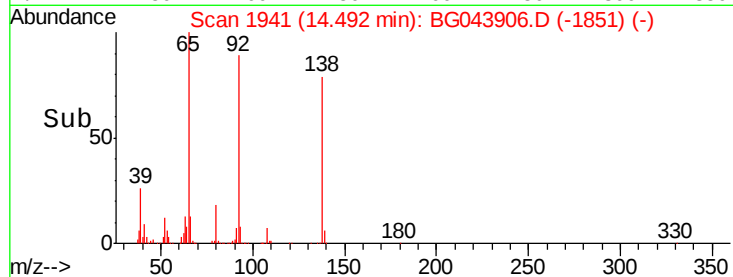
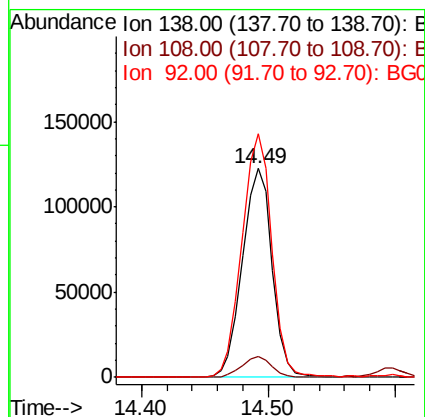
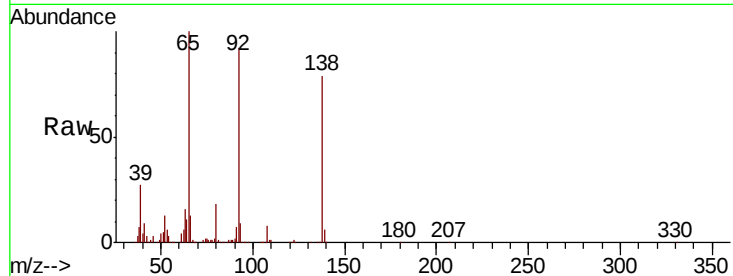
#53
3-Nitroaniline
Concen: 29.271 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	199937		
108	9.9	7.4	11.2	
92	116.7	92.1	138.1	

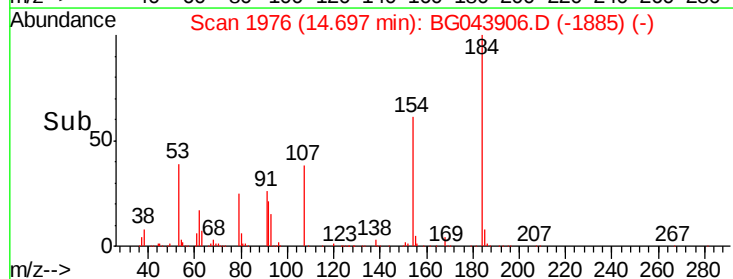
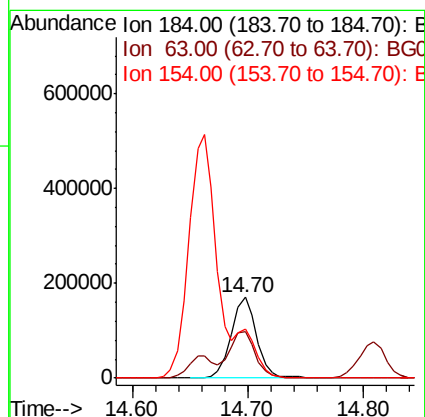
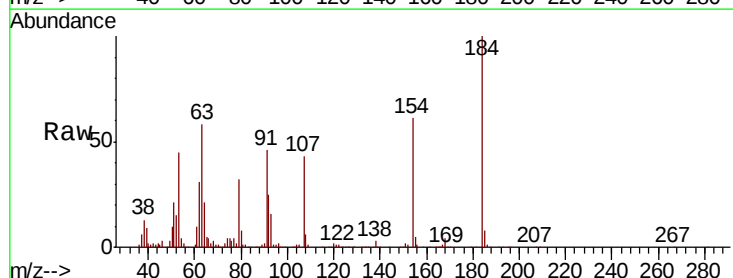
Manual Integrations
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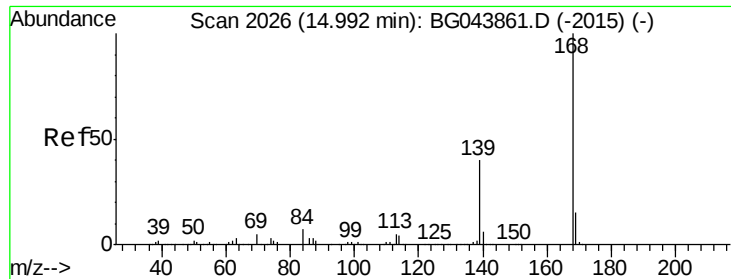
mohammad
1/6/2020 11:41:56 AM



#54
2,4-Dinitrophenol
Concen: 84.783 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	260884		
63	58.2	46.6	70.0	
154	60.8	50.2	75.4	





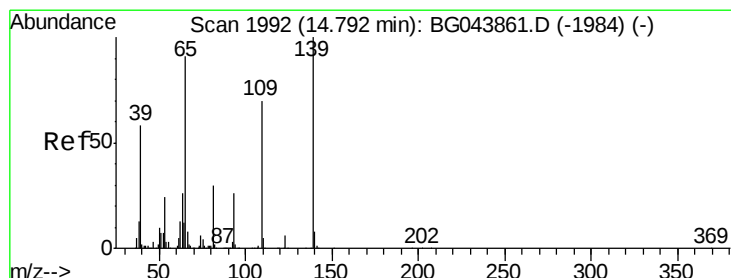
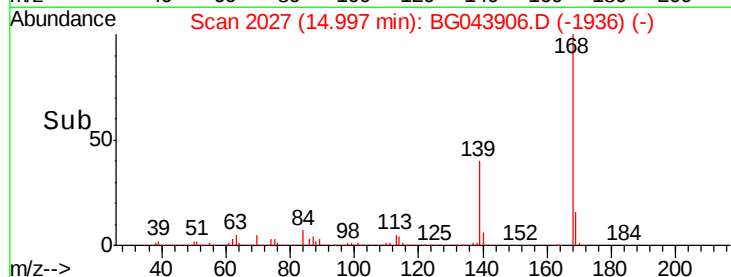
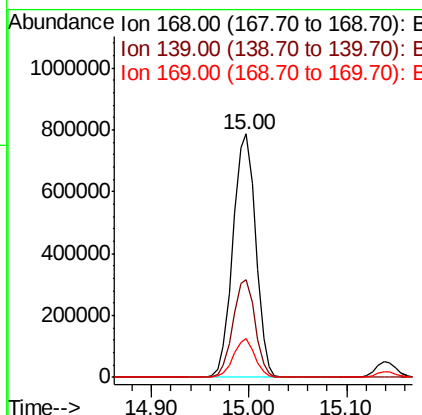
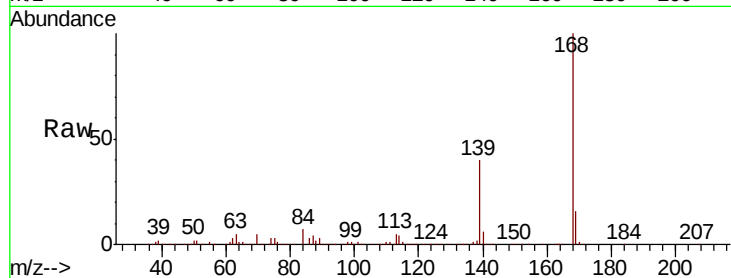
#55
Dibenzofuran
Concen: 42.262 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.2	48.2
169	15.7	12.2	18.2

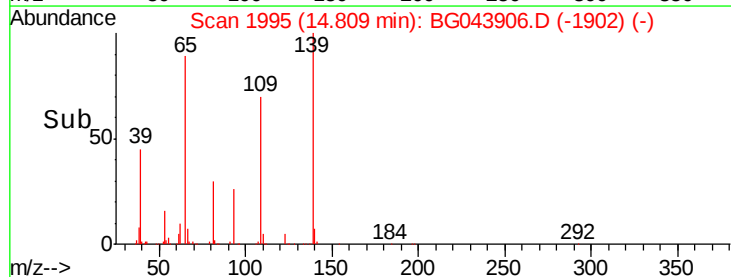
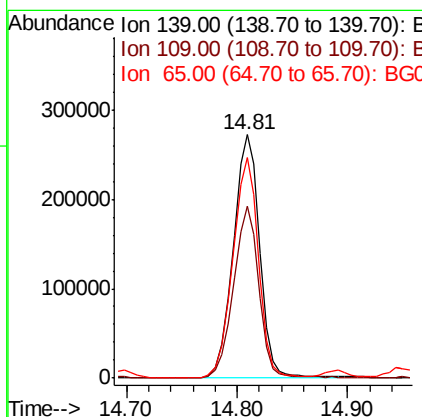
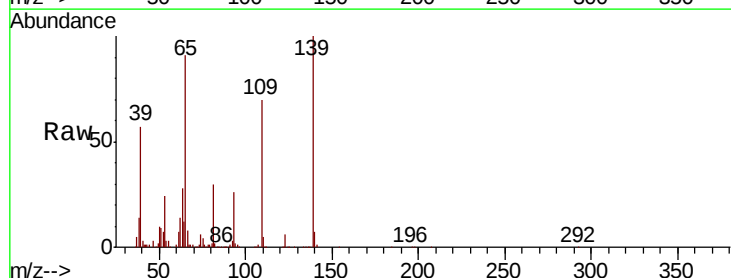
Manual Integrations
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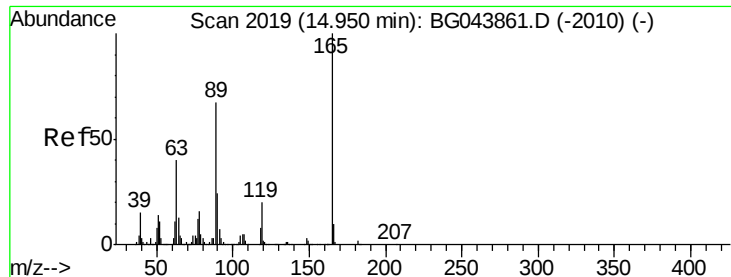
mohammad
1/6/2020 11:41:56 AM



#56
4-Nitrophenol
Concen: 87.383 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.4	50.4	90.4
65	90.5	71.4	111.4





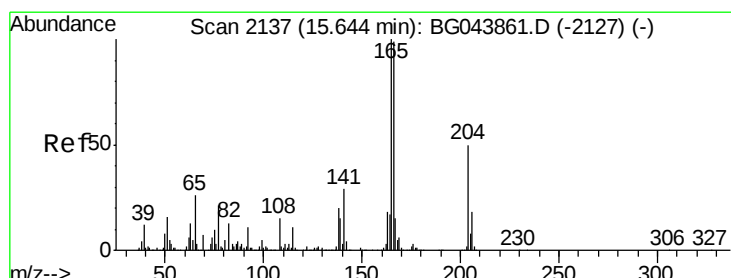
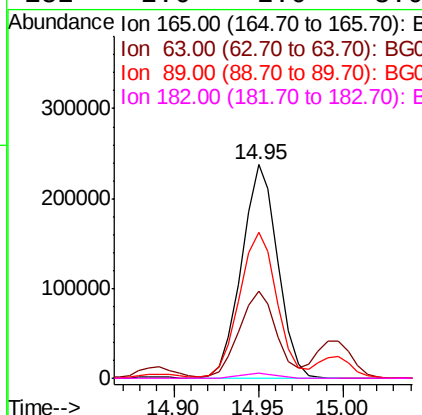
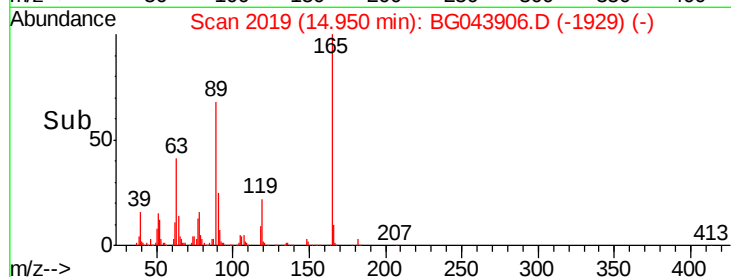
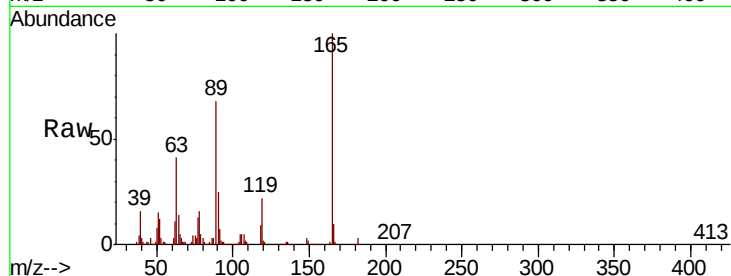
#57
2,4-Dinitrotoluene
Concen: 43.142 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		353102		
63	40.7		31.9	47.9	
89	68.1		53.8	80.6	
182	2.6		2.0	3.0	

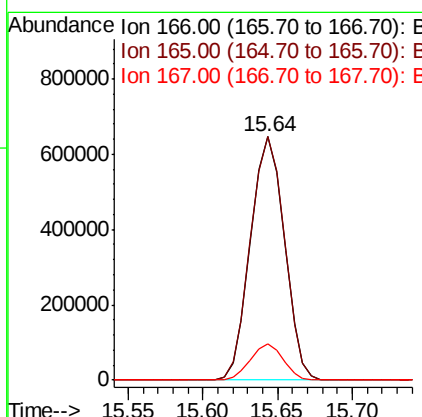
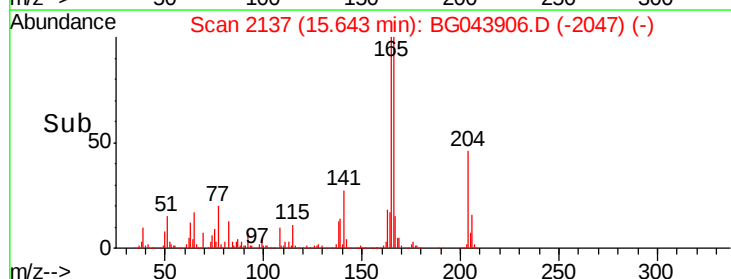
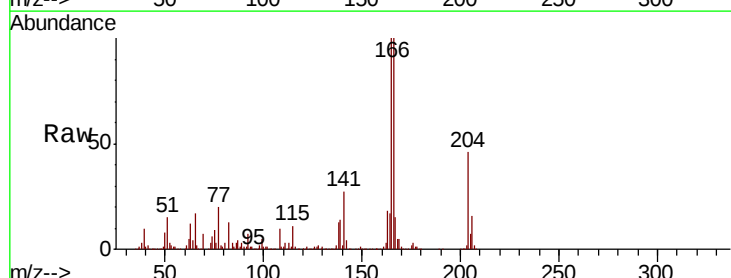
Manual Integrations
APPROVED

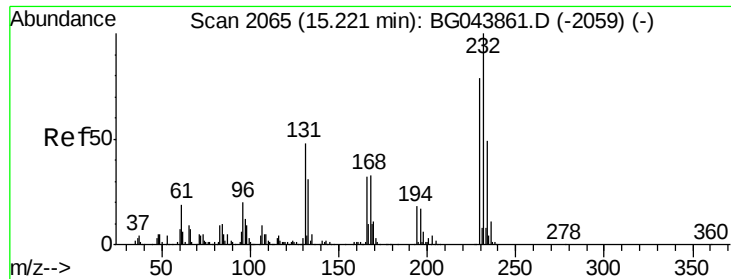
mohammad
1/6/2020 11:41:56 AM



#58
Fluorene
Concen: 42.606 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1017496		
165	100.1		80.8	121.2	
167	15.0		12.1	18.1	





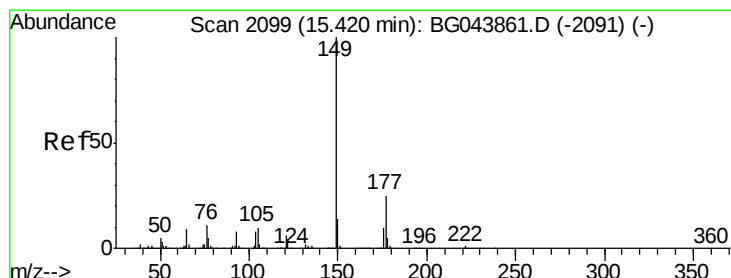
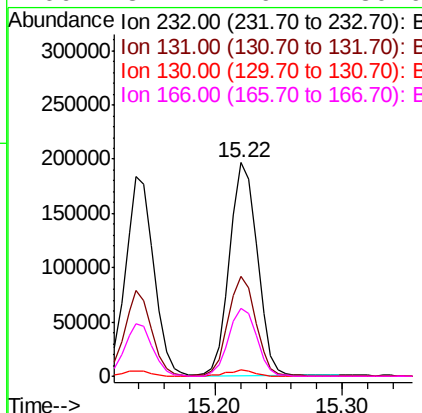
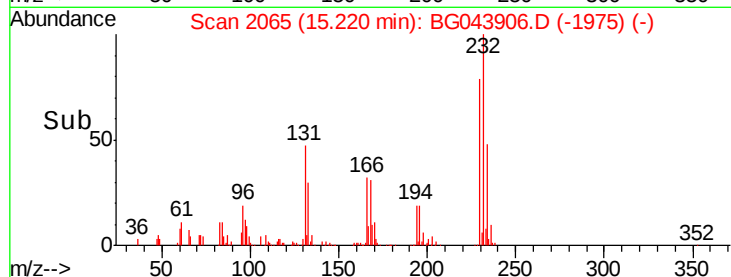
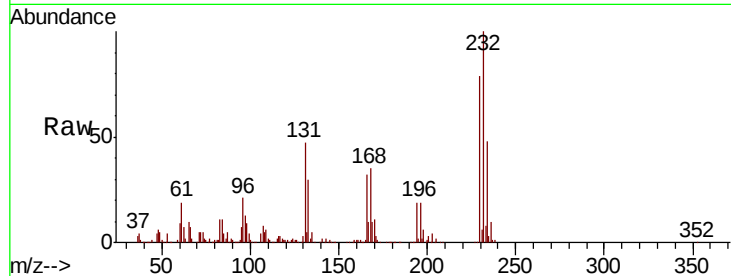
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.475 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		298146		
131	46.1	38.2	57.2		
130	2.8	2.2	3.2		
166	32.4	26.4	39.6		

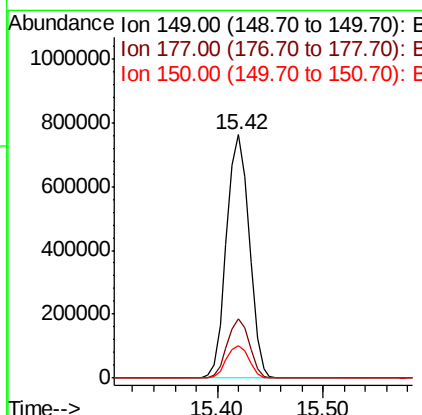
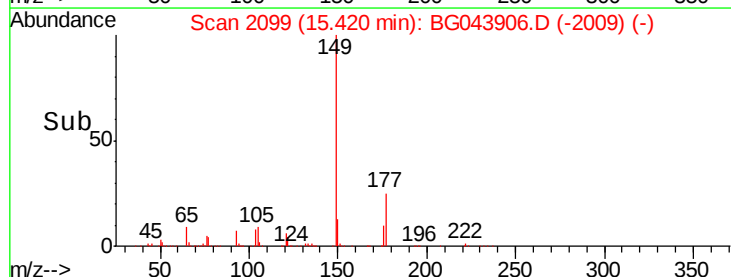
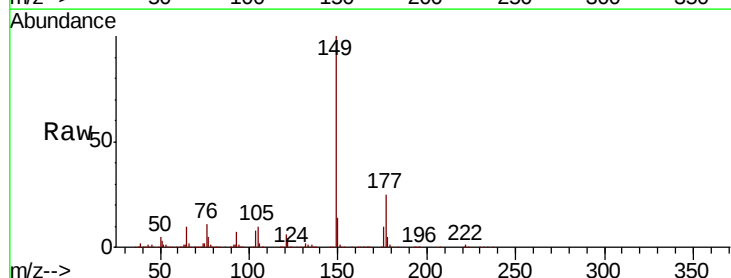
Manual Integrations
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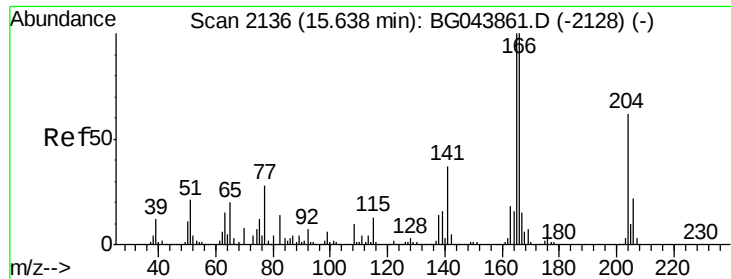
mohammad
 1/6/2020 11:41:56 AM



#60
 Diethylphthalate
 Concen: 42.637 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1134882		
177	24.6	20.0	30.0		
150	13.5	11.1	16.7		





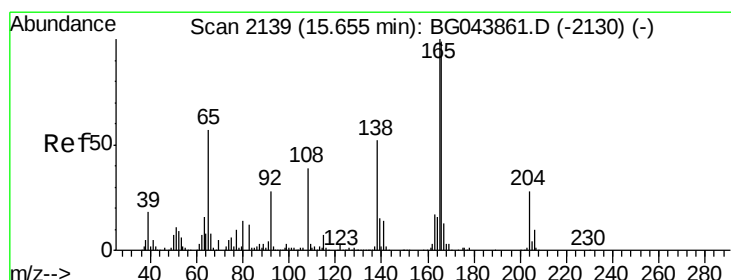
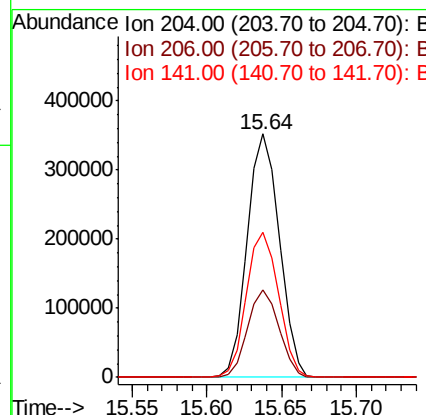
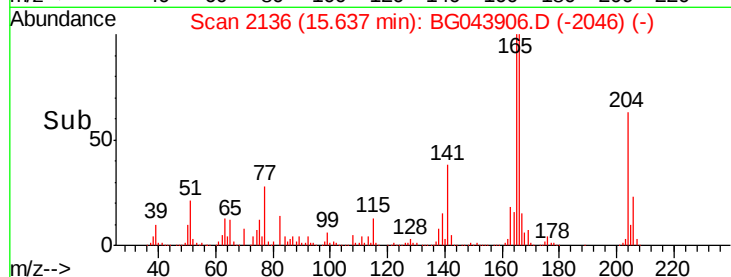
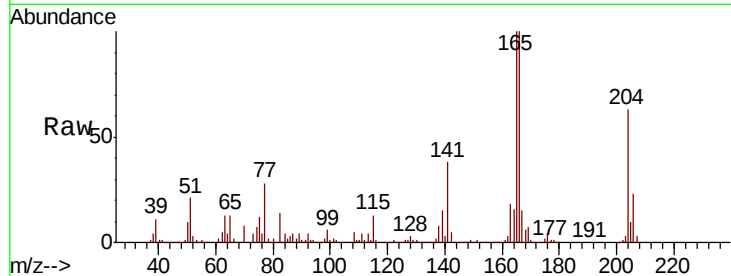
#61
4-Chlorophenyl-phenylether
Concen: 40.477 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	524888		
206	35.9	28.2	42.2	
141	59.5	48.2	72.2	

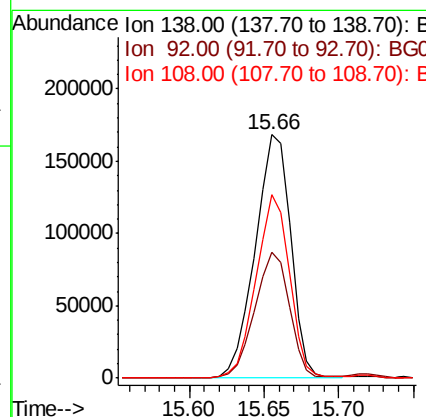
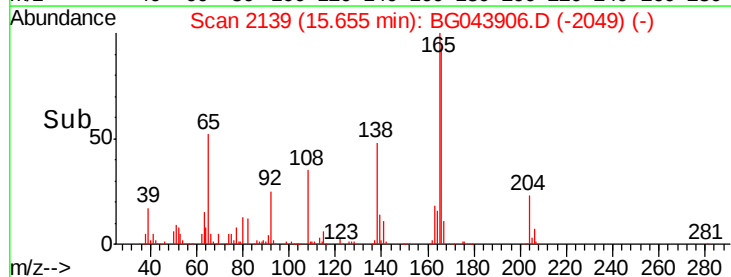
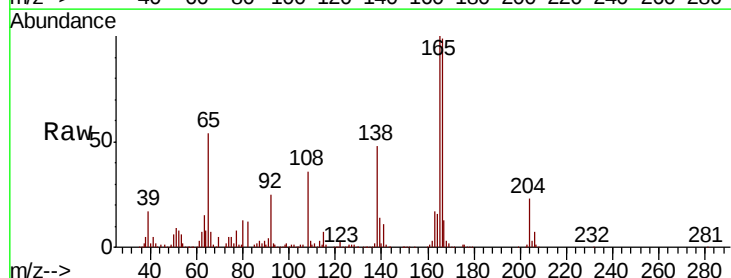
Manual Integrations
APPROVED

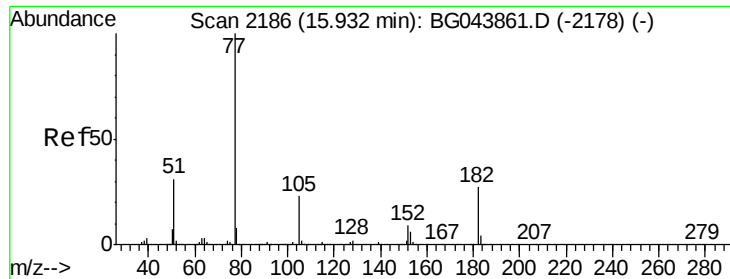
mohammad
1/6/2020 11:41:56 AM



#62
4-Nitroaniline
Concen: 41.105 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	277265		
92	51.9	34.3	74.3	
108	75.2	55.0	95.0	





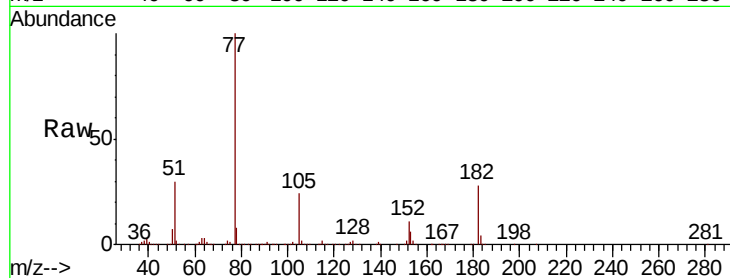
#63
Azobenzene
Concen: 42.986 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.3	47.3
105	23.6	3.2	43.2
51	30.3	10.6	50.6

Manual Integrations
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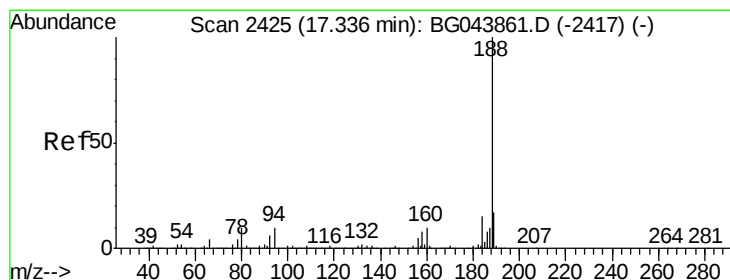
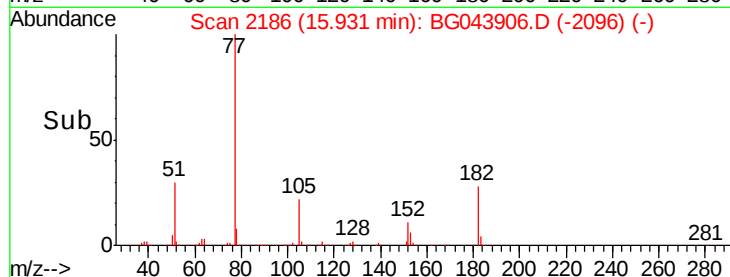
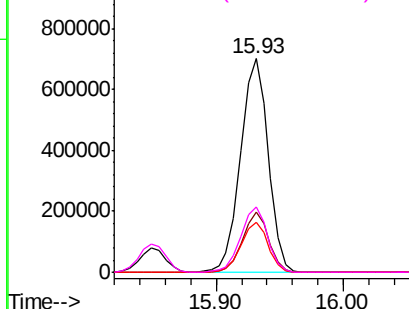
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

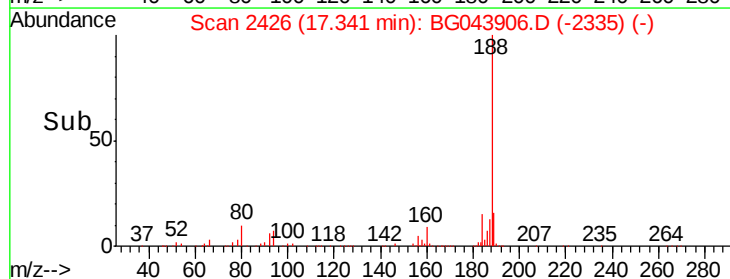
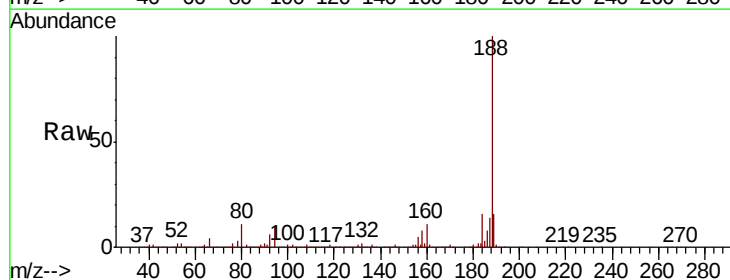
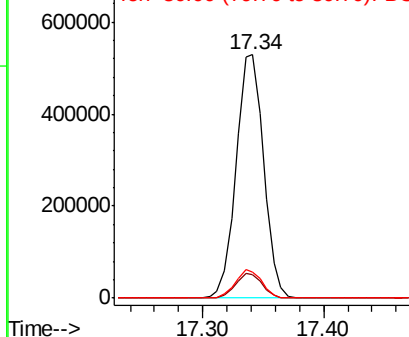
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	10.9	8.2	12.4

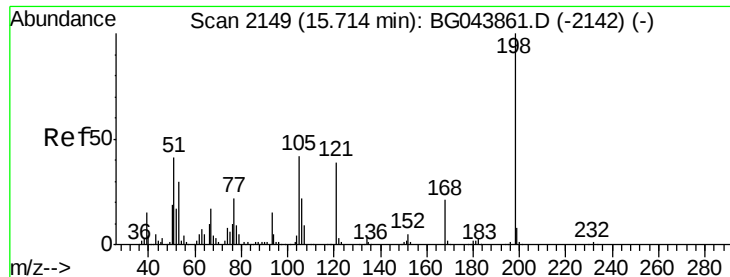
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





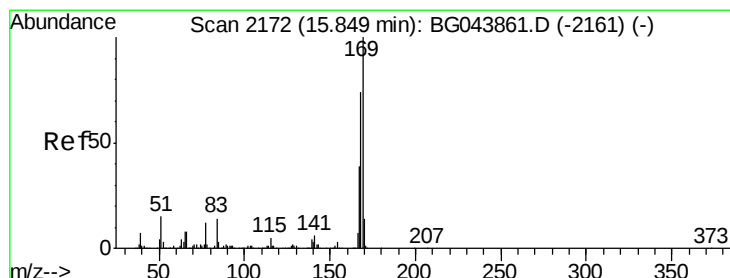
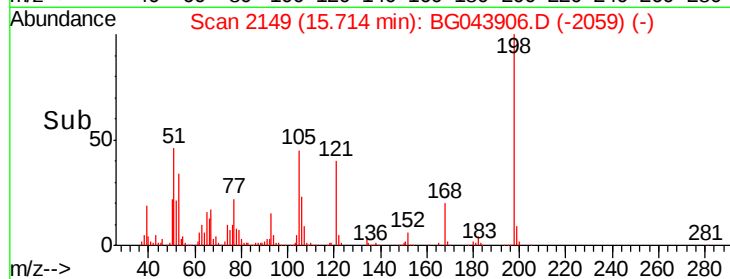
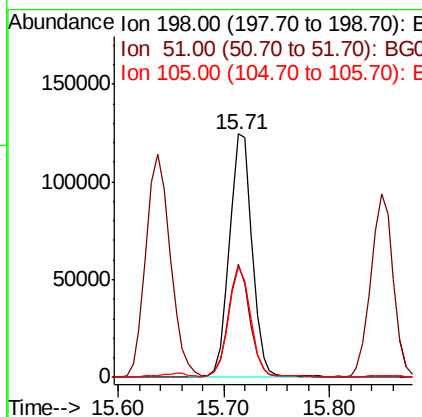
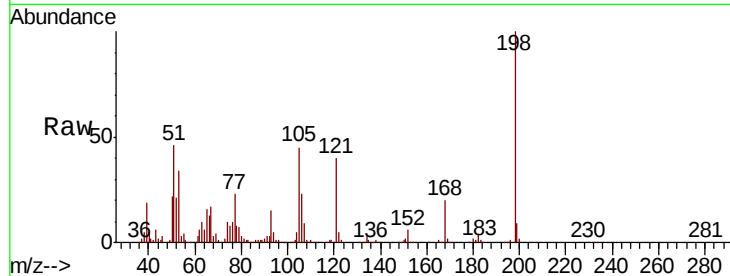
#65
4,6-Dinitro-2-methylphenol
Concen: 42.951 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	183835		
51	46.4	22.5	62.5	
105	45.2	22.3	62.3	

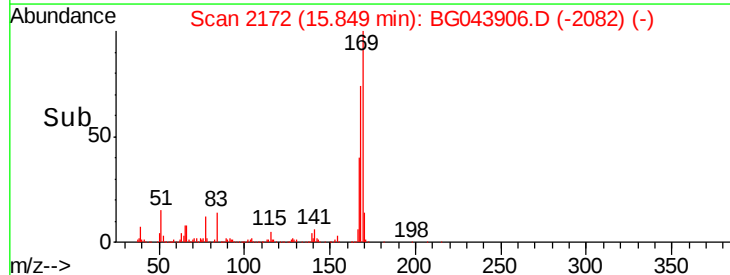
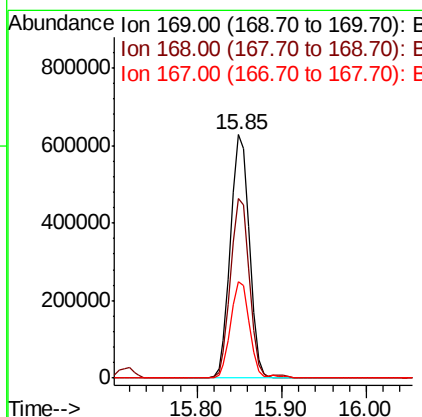
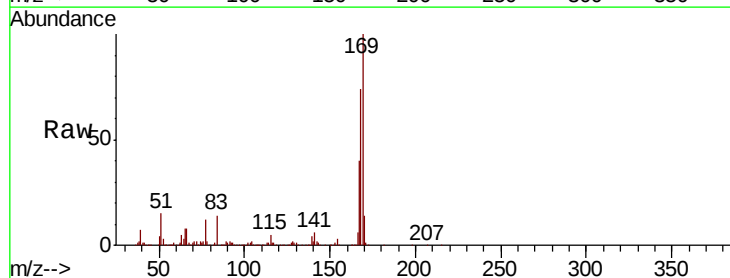
Manual Integrations
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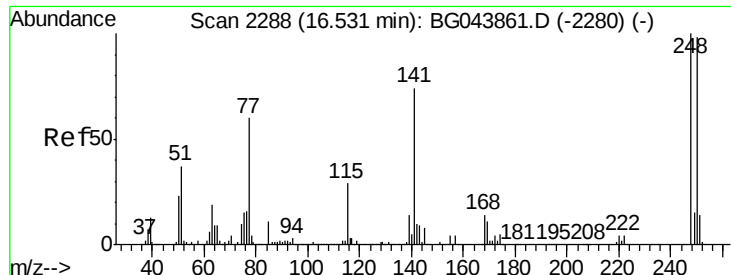
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.679 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	957561		
168	74.0	59.0	88.6	
167	39.9	31.4	47.0	





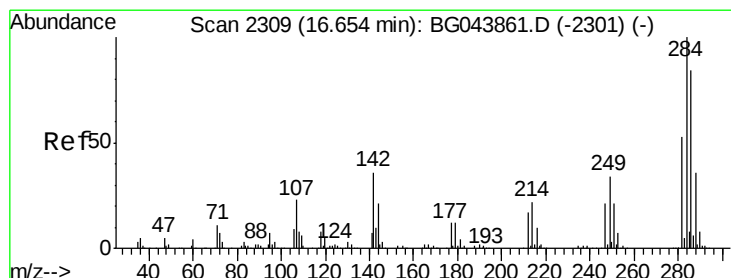
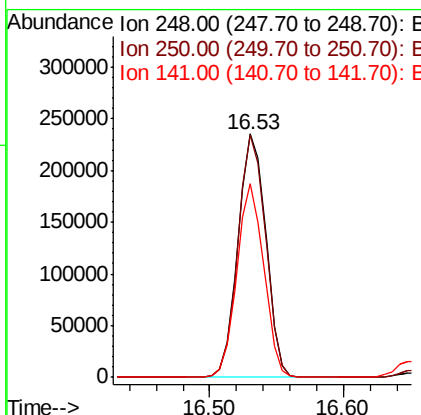
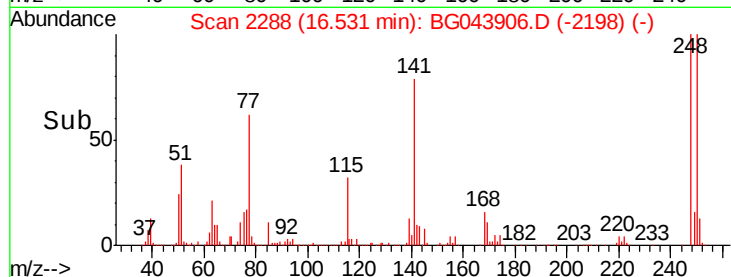
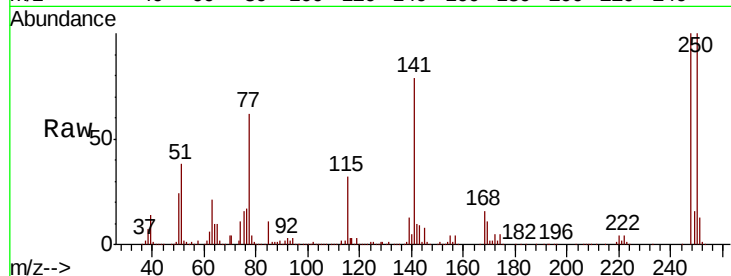
#67
4-Bromophenyl-phenylether
Concen: 35.897 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.2	117.2
141	79.5	59.3	88.9

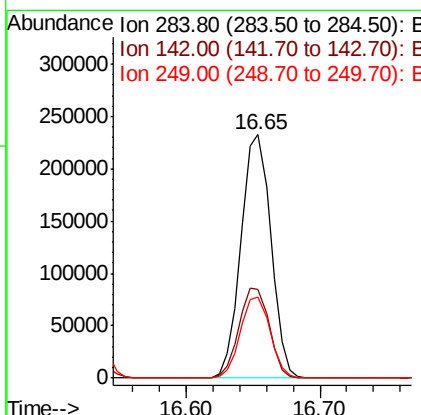
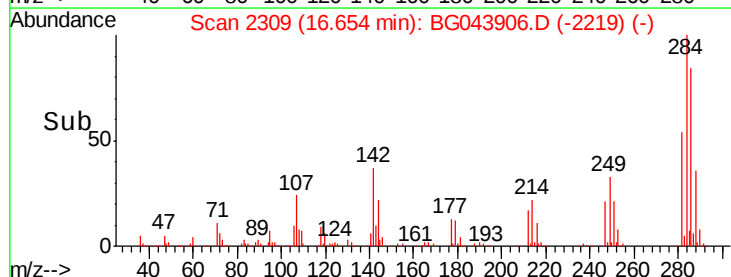
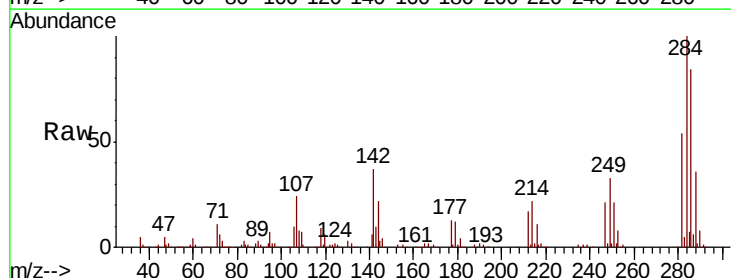
Manual Integrations
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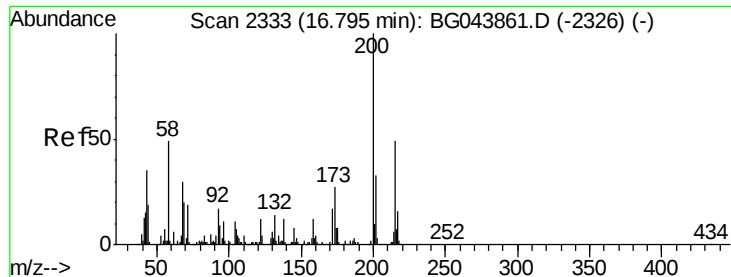
mohammad
1/6/2020 11:41:56 AM



#68
Hexachlorobenzene
Concen: 35.269 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	28.6	43.0
249	33.3	27.0	40.6





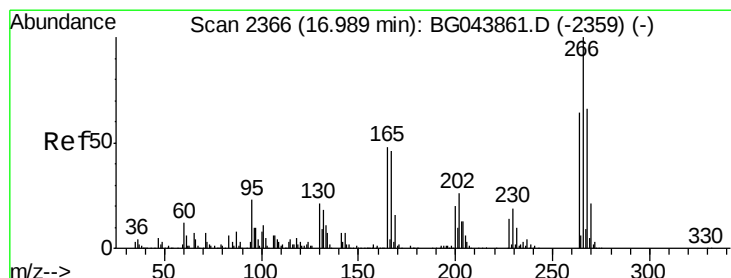
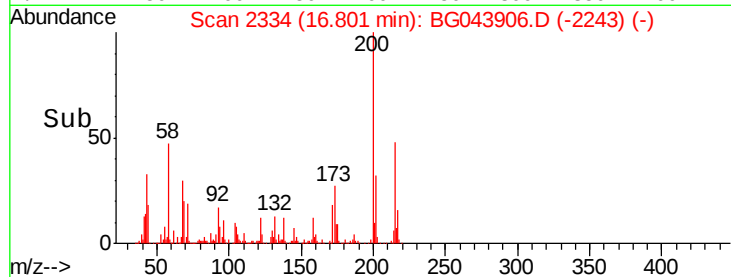
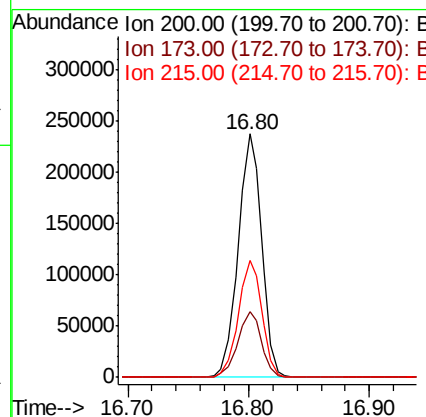
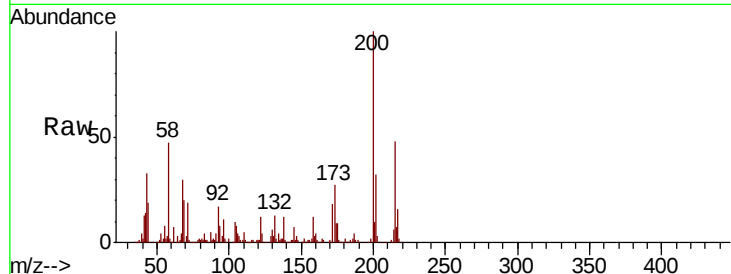
#69
Atrazine
Concen: 39.885 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	6.6	46.6	
215	47.8	28.6	68.6	

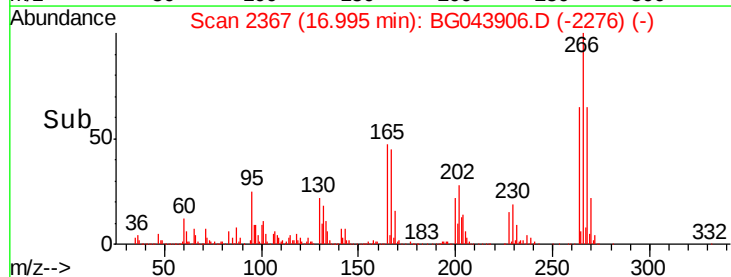
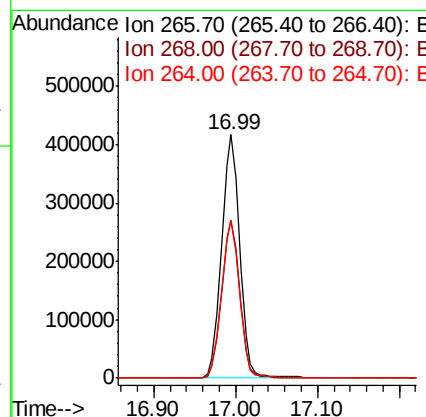
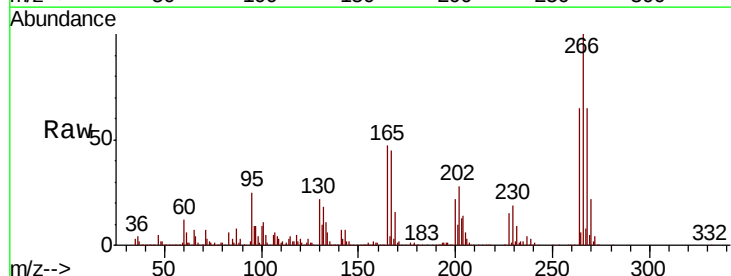
Manual Integrations
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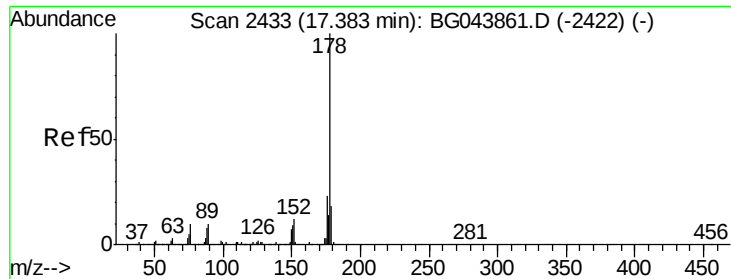
mohammad
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#70
Pentachlorophenol
Concen: 115.569 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.7	52.6	79.0	
264	64.6	50.8	76.2	





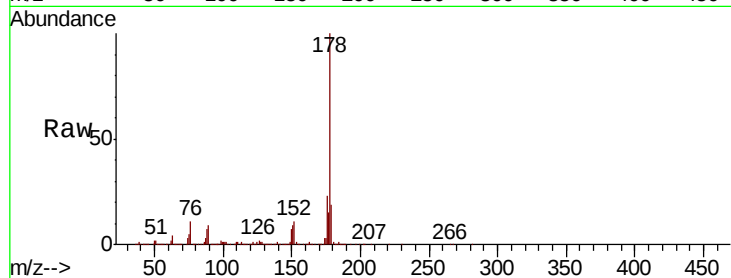
#71
Phenanthrene
Concen: 39.816 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

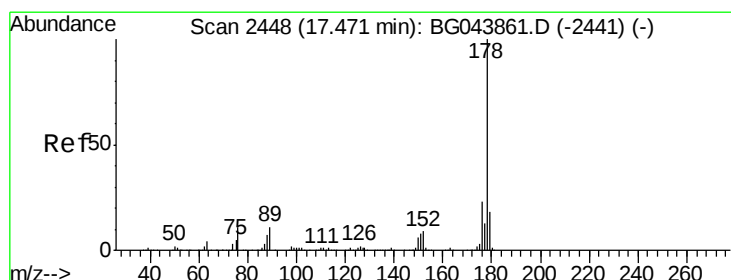
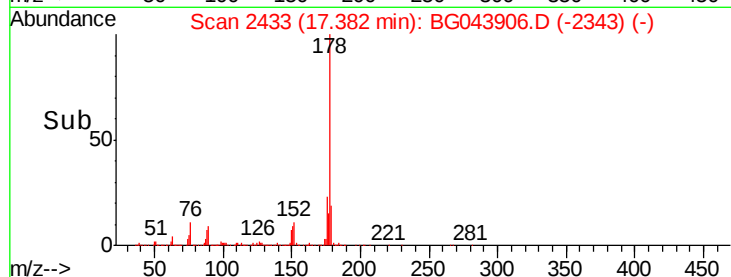
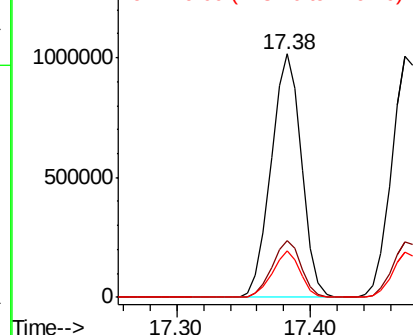
Tot Ion	Ratio	Lower	Upper
178	100		
176	23.4	18.6	28.0
179	18.8	14.4	21.6

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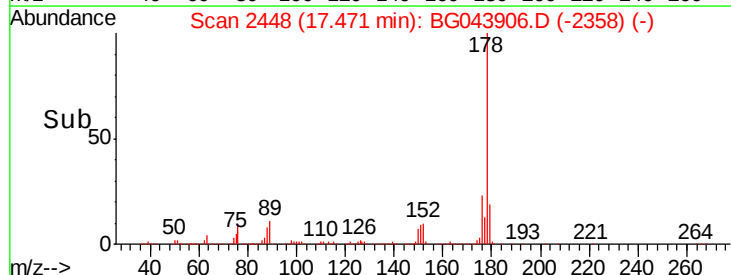
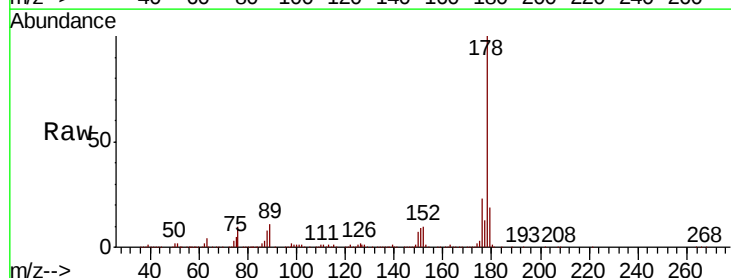
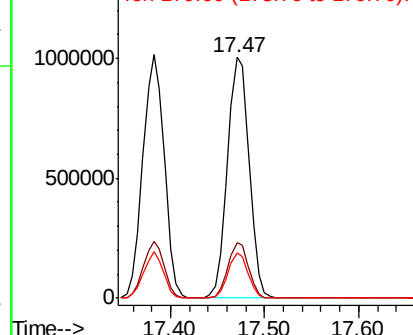
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

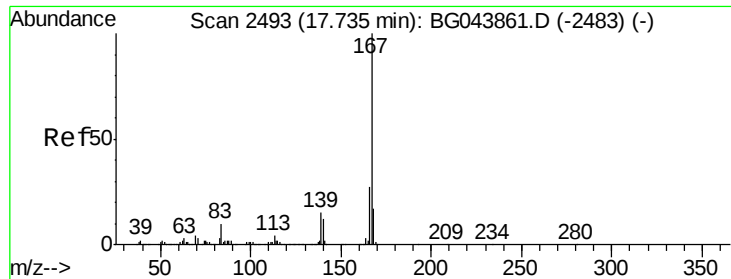


#72
Anthracene
Concen: 40.589 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	18.3	27.5
179	18.6	14.6	22.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





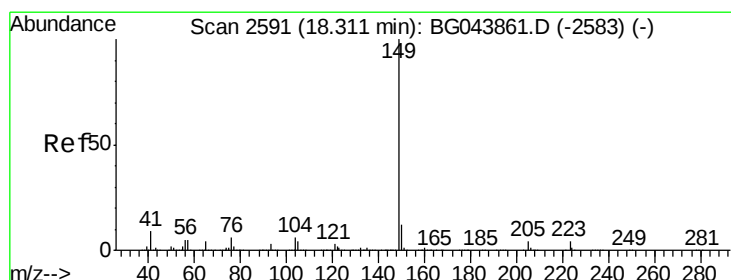
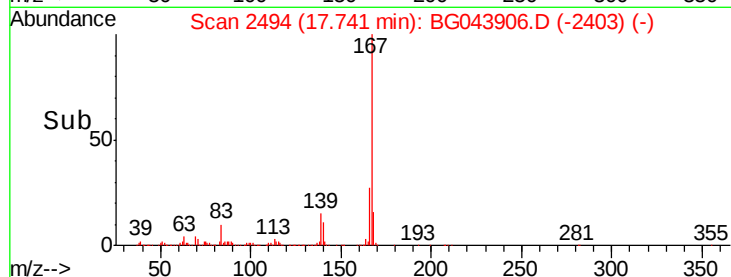
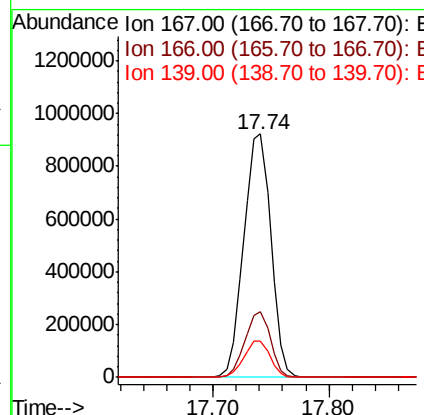
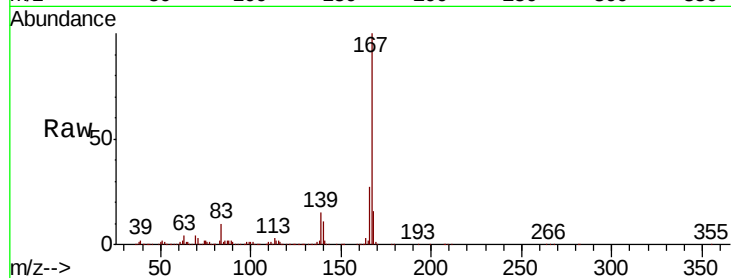
#73
 Carbazole
 Concen: 40.972 ng
 RT: 17.74 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion:167 Resp: 1508204
 Ion Ratio Lower Upper
 167 100
 166 26.8 21.6 32.4
 139 14.8 12.1 18.1

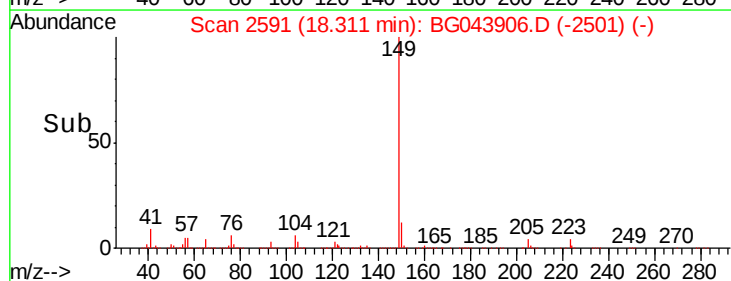
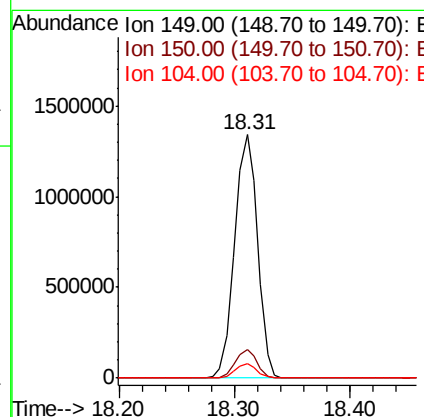
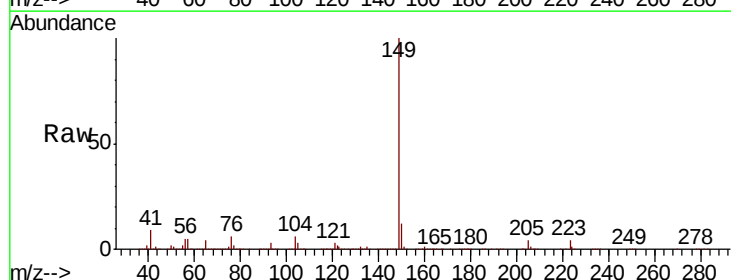
Manual Integrations
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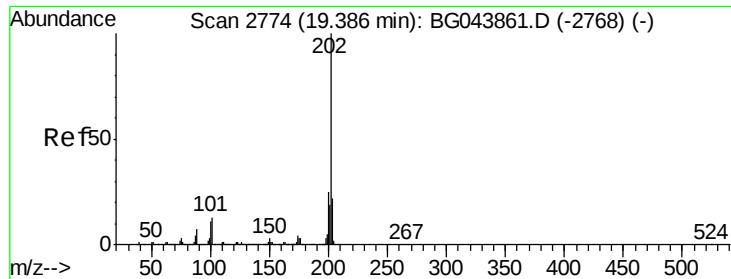
mohammad
 1/6/2020 11:41:56 AM



#74
 Di-n-butylphthalate
 Concen: 39.234 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Tgt Ion:149 Resp: 1843910
 Ion Ratio Lower Upper
 149 100
 150 12.0 9.7 14.5
 104 6.0 5.0 7.4





#75

Fluoranthene

Concen: 39.089 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

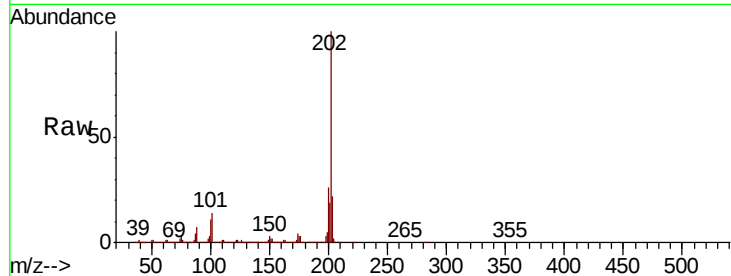
ClientSampleId :

PB125879BS

Tot Ion:	202	Resp:	1802554
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.3
203	21.7	1.6	41.6

Manual Integrations
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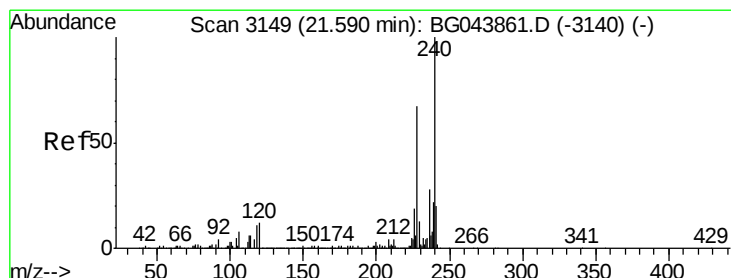
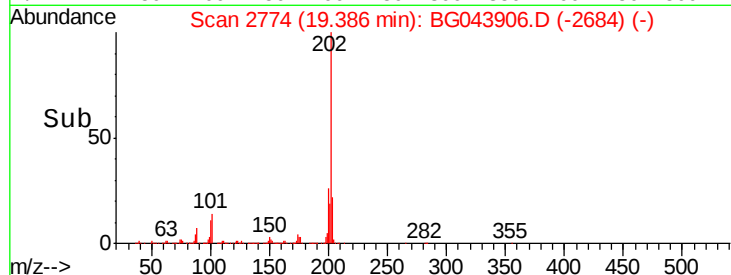
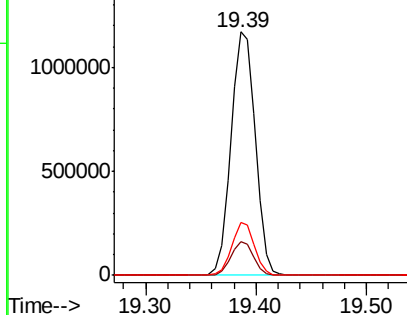


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

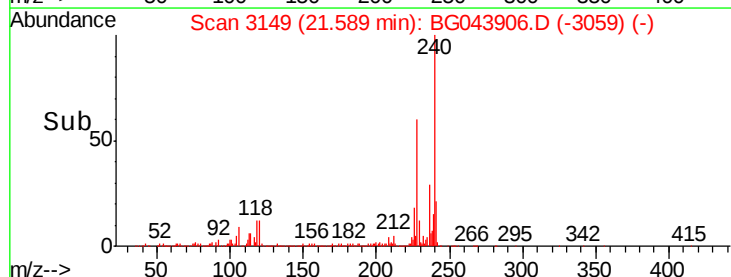
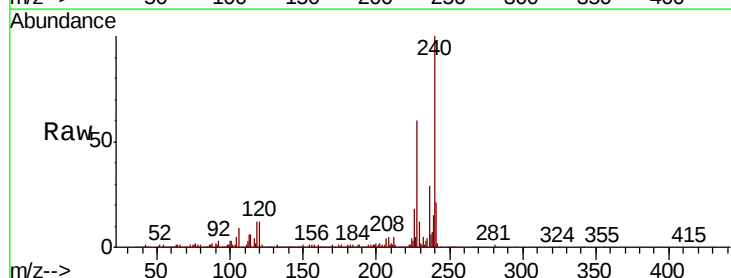
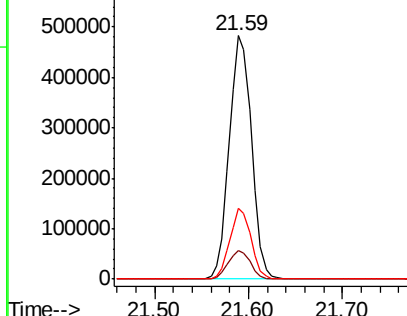
Tgt Ion:	240	Resp:	794132
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	28.9	22.2	33.2

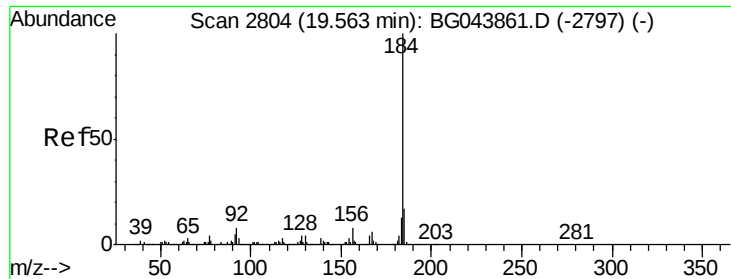
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.896 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

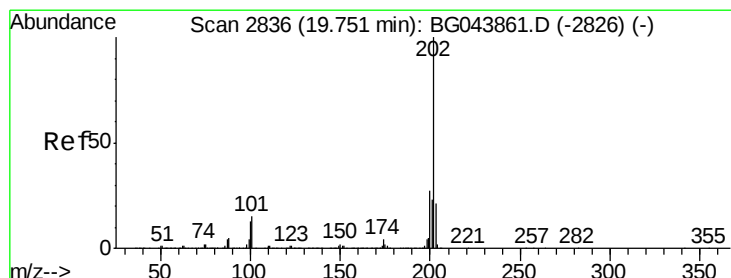
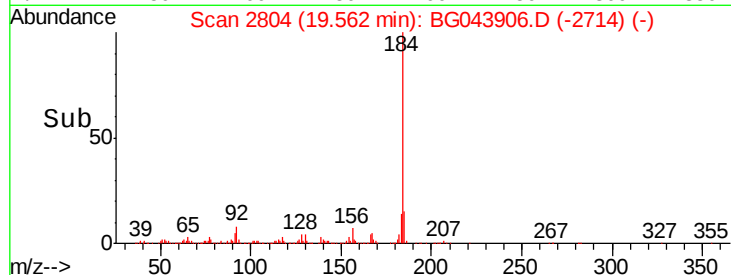
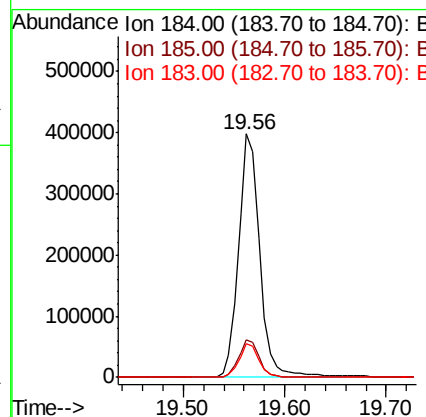
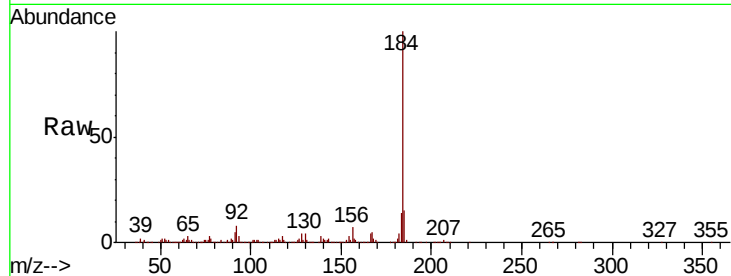
ClientSampleId :

PB125879BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.0
183	13.7	10.6	15.8

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#78

Pyrene

Concen: 34.809 ng

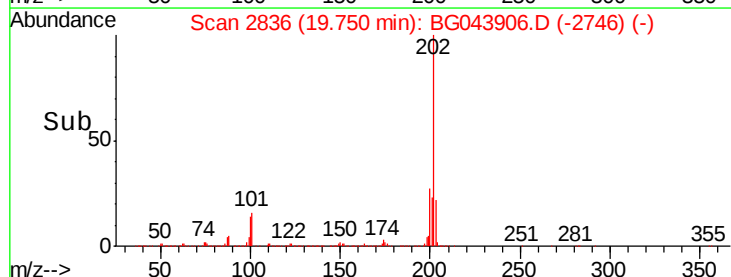
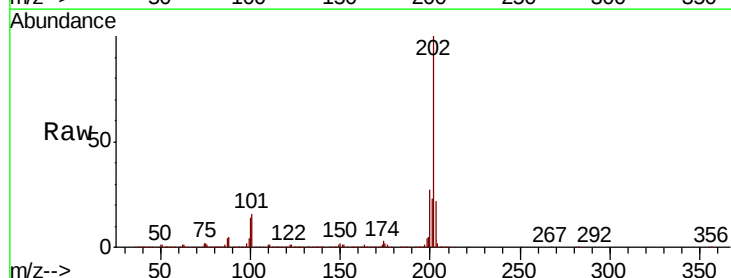
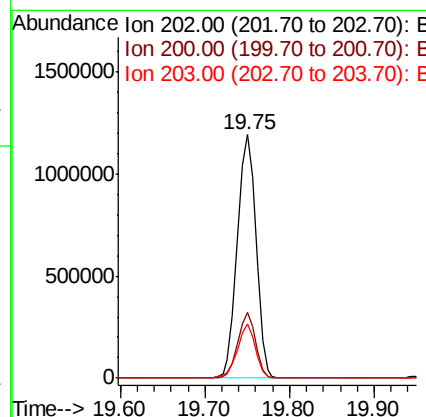
RT: 19.75 min Scan# 2836

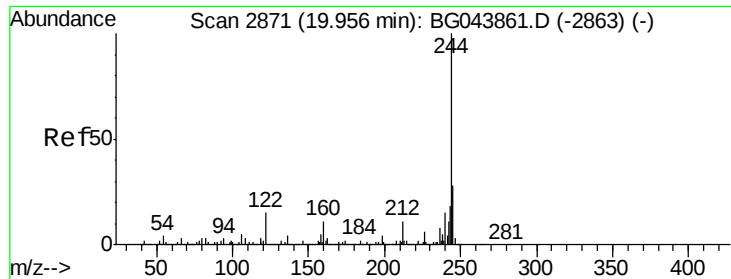
Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.2	21.7	32.5
203	22.0	17.0	25.6





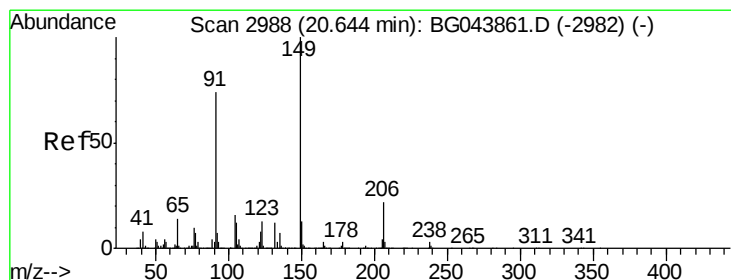
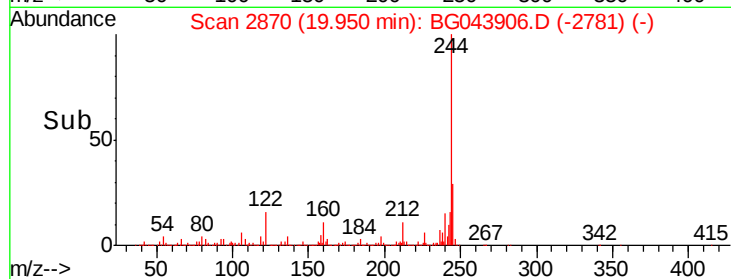
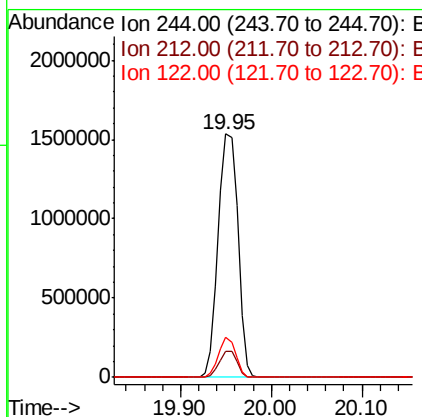
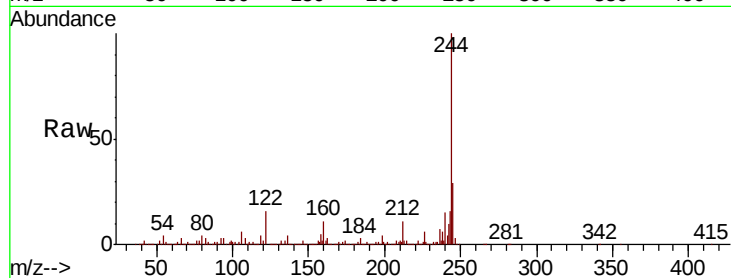
#79
 Terphenyl-d14
 Concen: 66.195 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.6	13.0
122	16.5	11.9	17.9

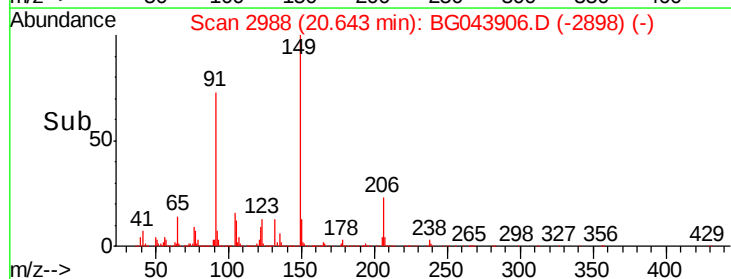
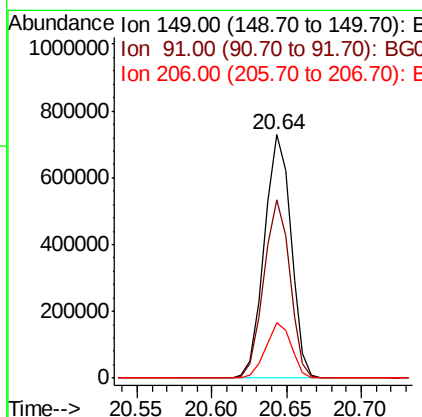
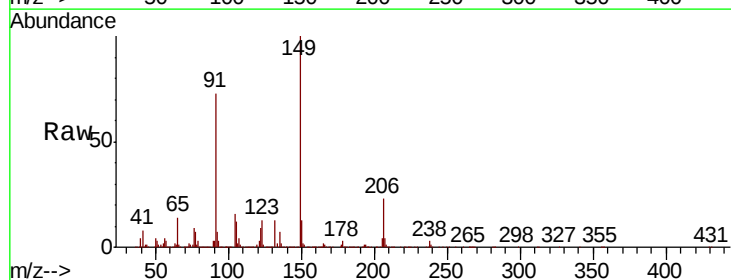
Manual Integrations
 APPROVED

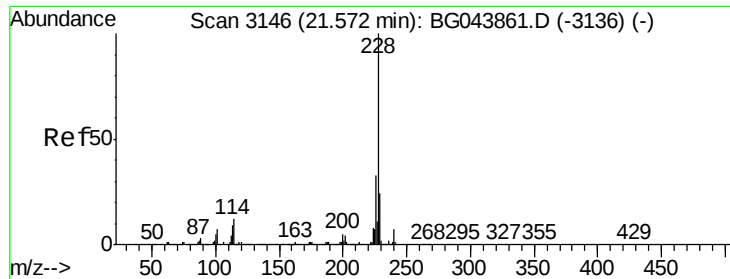
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.383 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043906.D
 Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	59.5	89.3
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 35.782 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

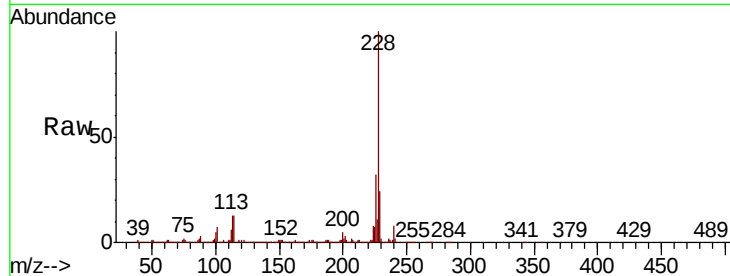
ClientSampleId :

PB125879BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.2	39.4
229	23.5	18.9	28.3

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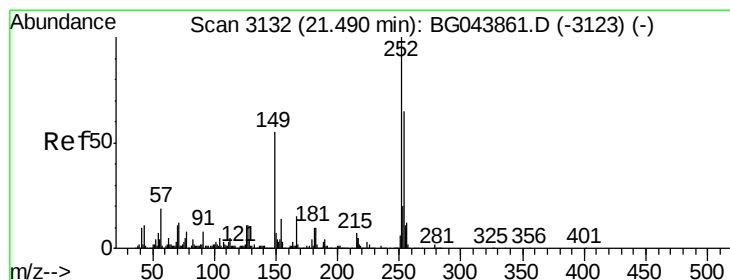
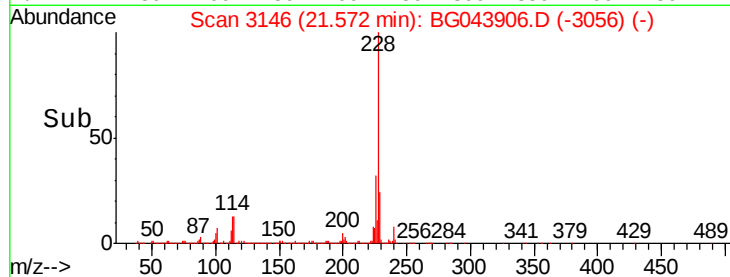
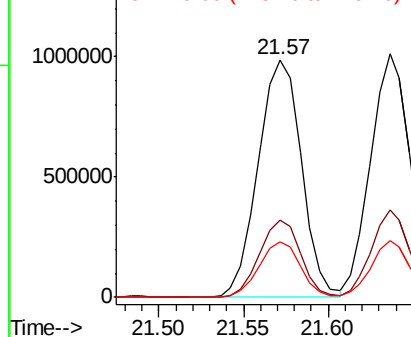


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.487 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

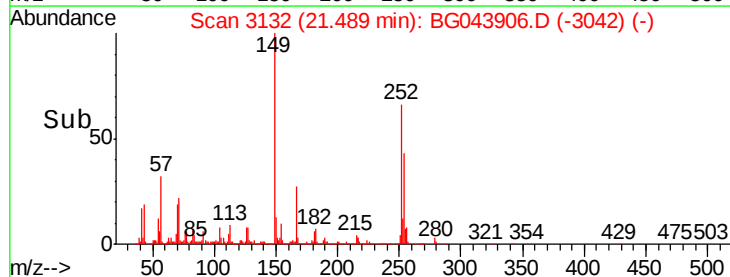
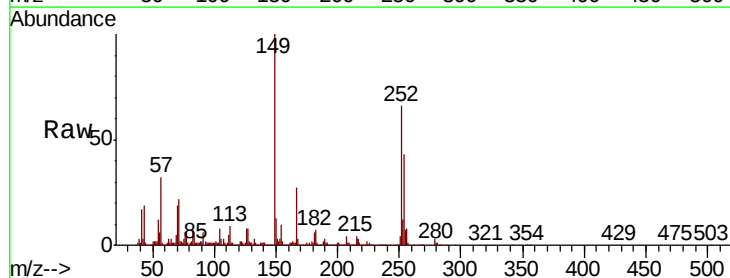
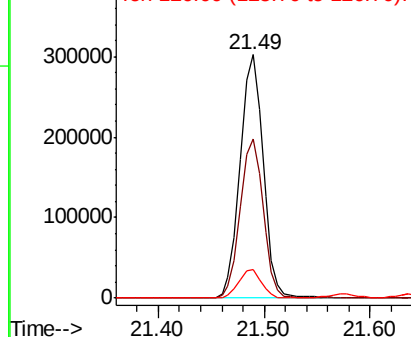
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	11.5	9.1	13.7

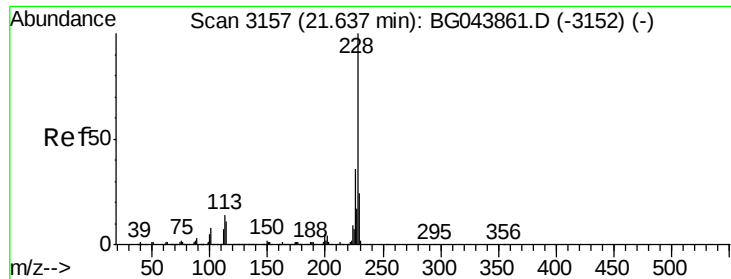
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.109 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion:228 Resp: 1642732

Ion Ratio Lower Upper

228 100

226 36.1 28.8 43.2

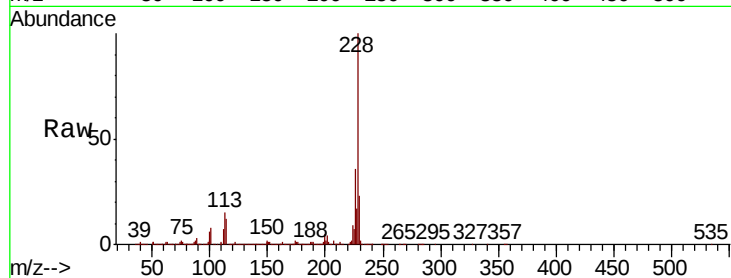
229 23.3 19.0 28.6

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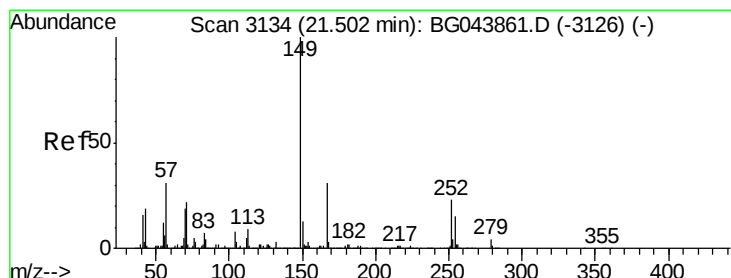
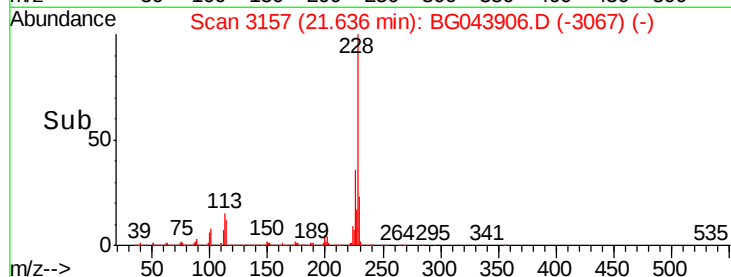
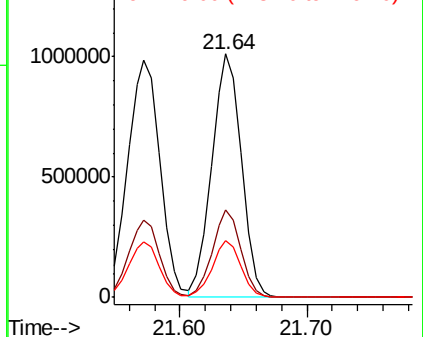


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.350 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

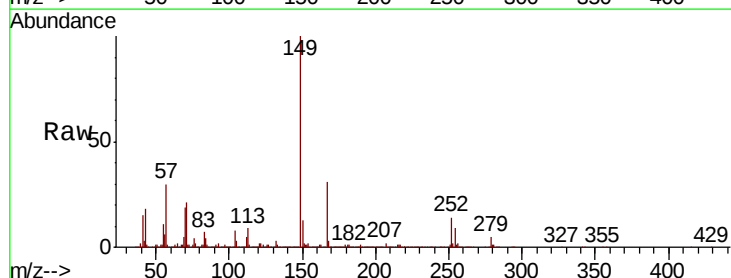
Tgt Ion:149 Resp: 1237797

Ion Ratio Lower Upper

149 100

167 31.4 24.7 37.1

279 4.5 3.3 4.9

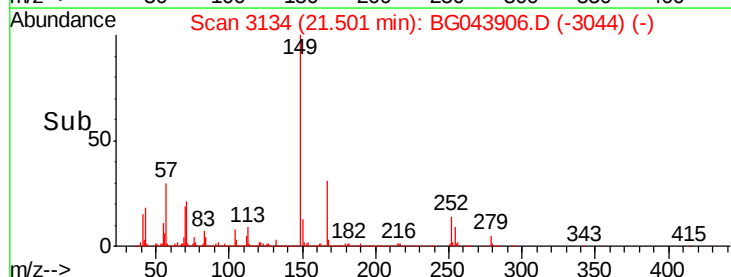
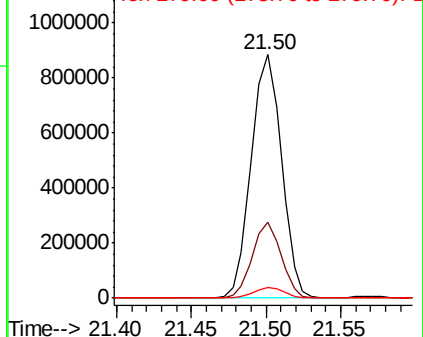


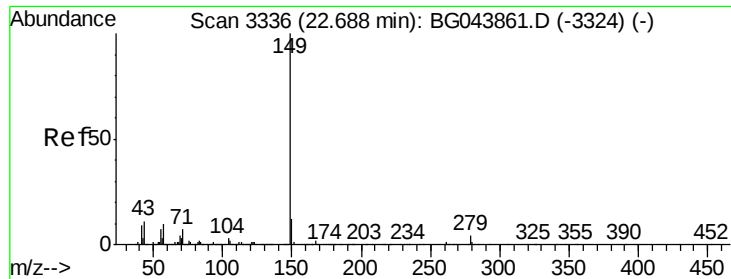
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





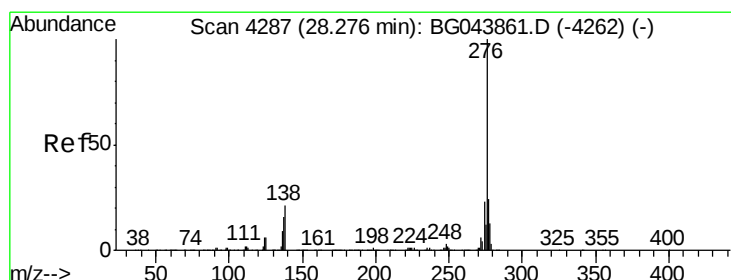
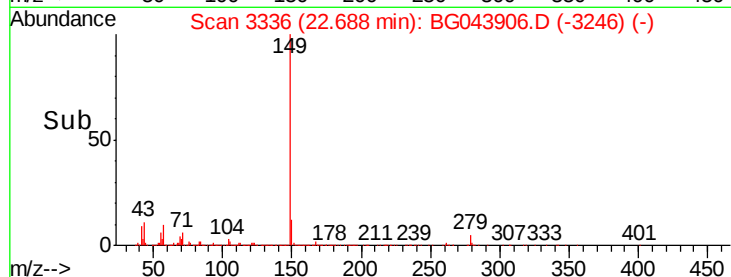
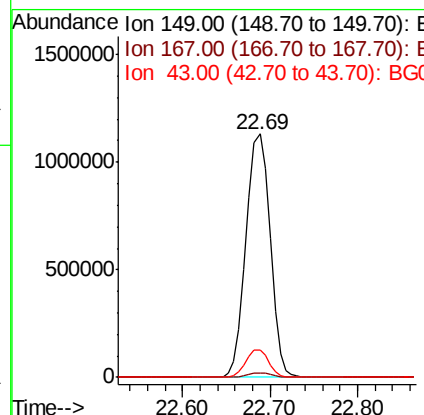
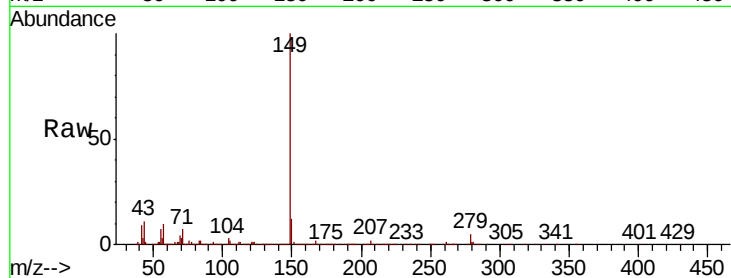
#85
Di-n-octyl phthalate
Concen: 36.710 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleID :
PB125879BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.7	8.8	13.2

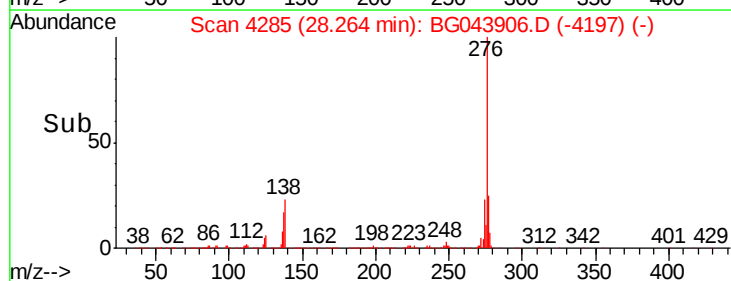
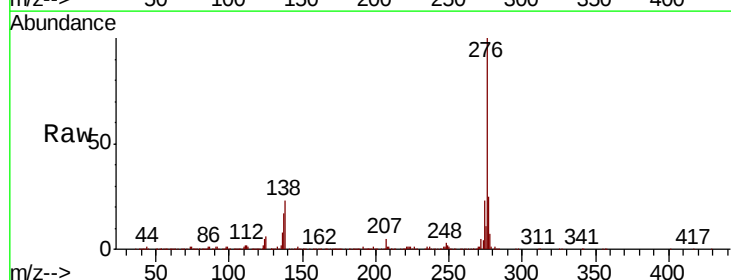
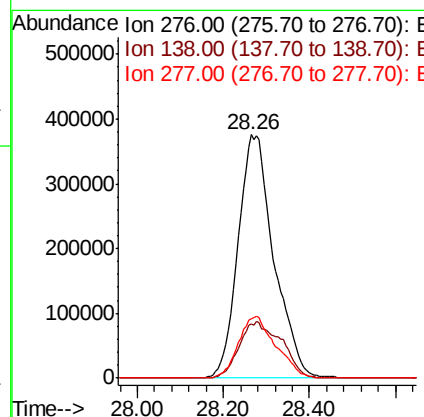
Manual Integrations
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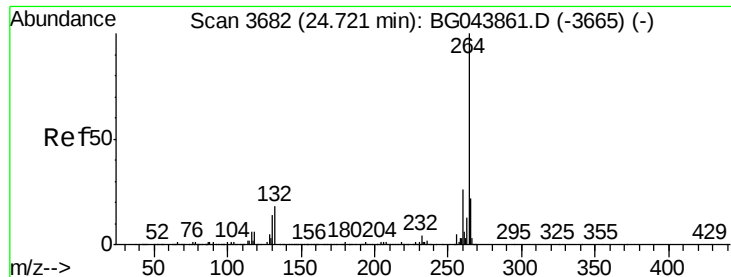
mohammad
1/6/2020 11:41:56 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.226 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.0	31.4
277	26.7	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Instrument :

BNA_G

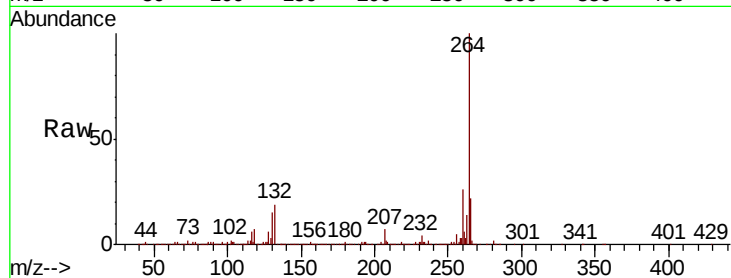
ClientSampleId :

PB125879BS

Tot Ion:	264	Resp:	765050
Ion Ratio		Lower	Upper
264	100		
260	26.2	20.4	30.6
265	22.1	17.4	26.2

Manual Integrations
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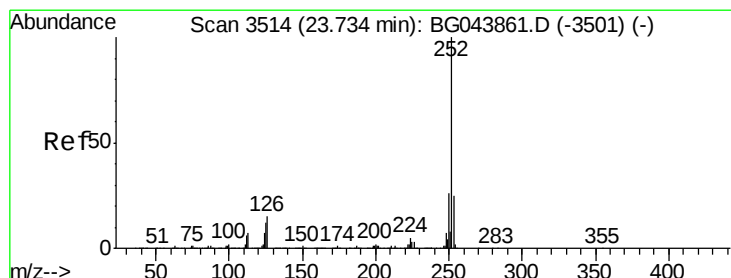
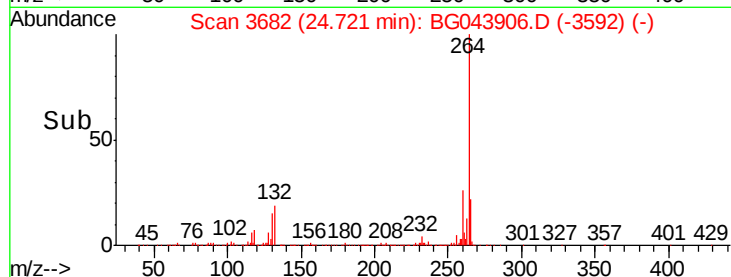
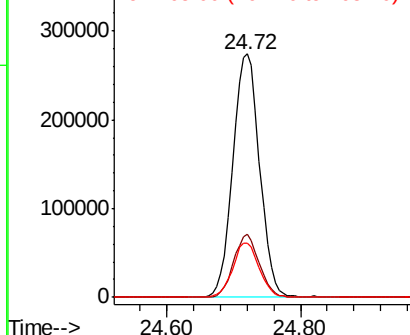


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.572 ng

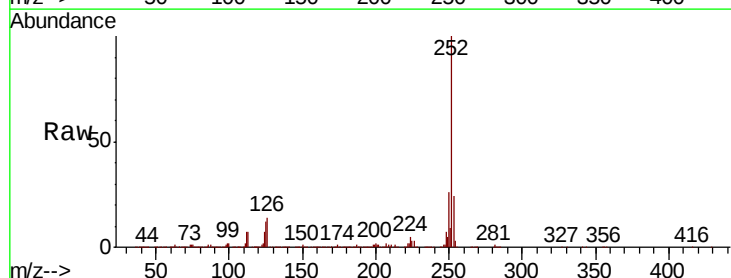
RT: 23.73 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BG043906.D

Acq: 4 Jan 2020 3:06

Tgt Ion:	252	Resp:	1834980
Ion Ratio		Lower	Upper
252	100		
253	24.2	19.7	29.5
125	12.0	9.4	14.2

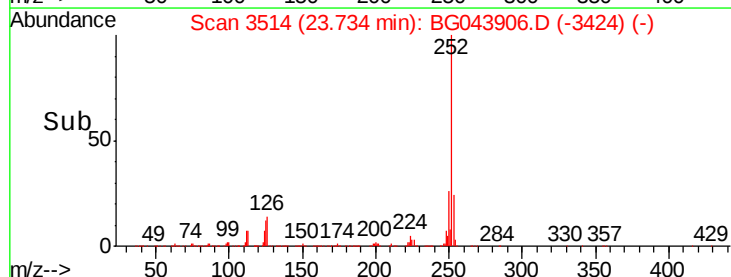
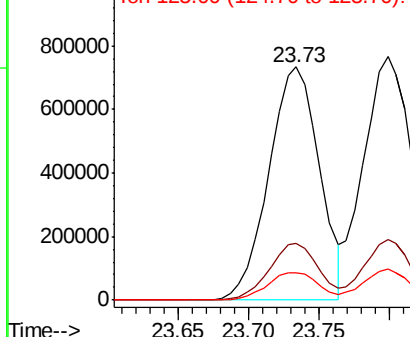


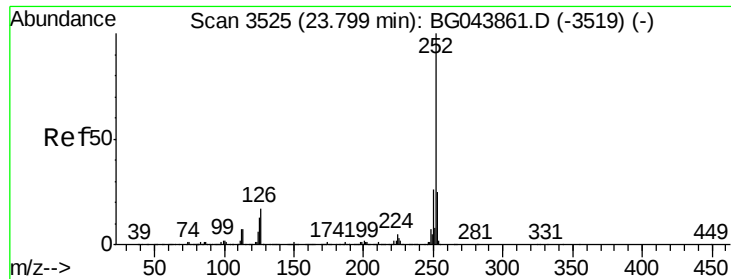
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





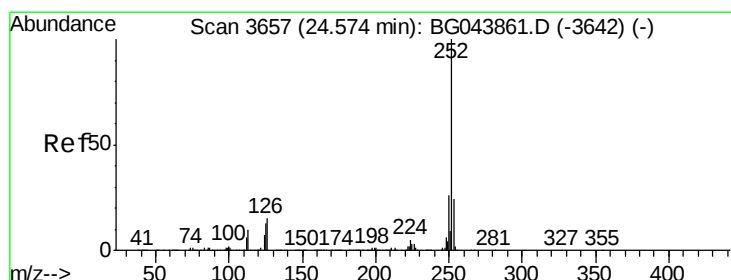
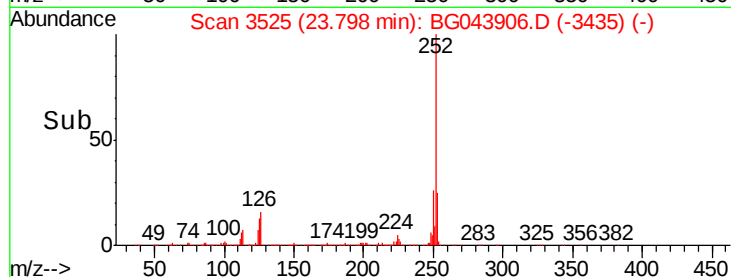
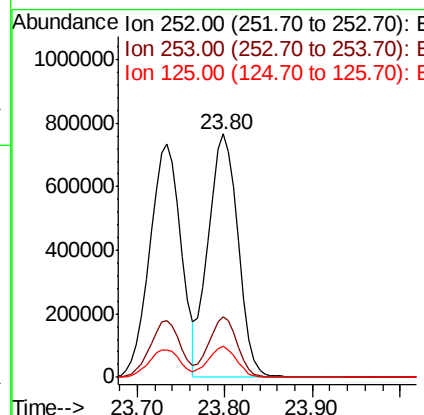
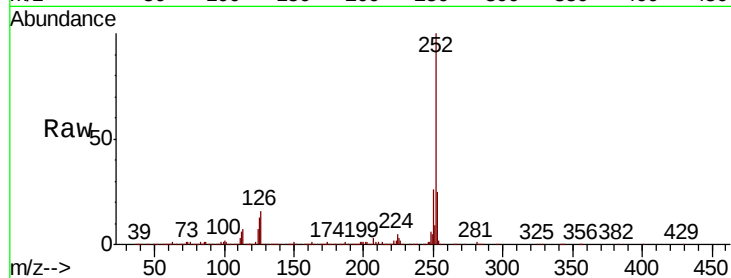
#89
Benzo(k)fluoranthene
Concen: 42.320 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion:252 Resp: 1820110
Ion Ratio Lower Upper
252 100
253 24.7 19.4 29.2
125 12.7 9.9 14.9

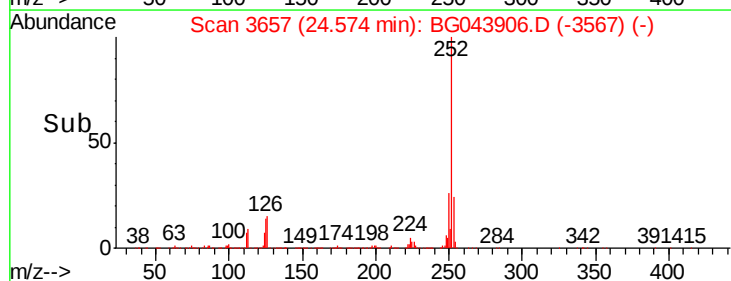
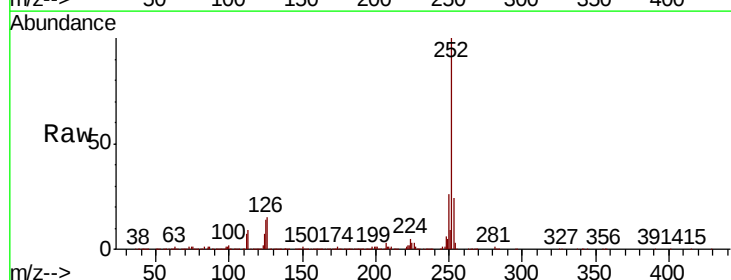
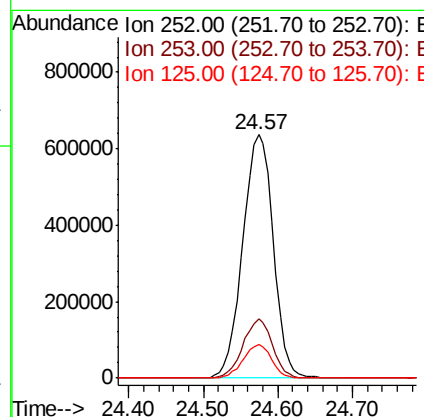
Manual Integrations
APPROVED

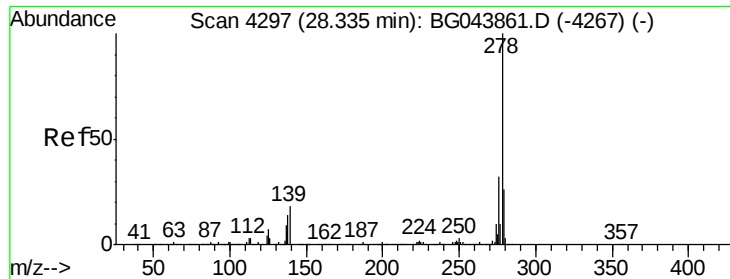
mohammad
1/6/2020 11:41:56 AM



#90
Benzo(a)pyrene
Concen: 42.324 ng
RT: 24.57 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion:252 Resp: 1806683
Ion Ratio Lower Upper
252 100
253 24.4 19.3 28.9
125 13.7 10.4 15.6





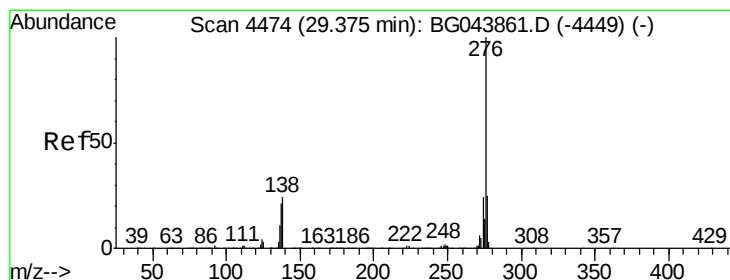
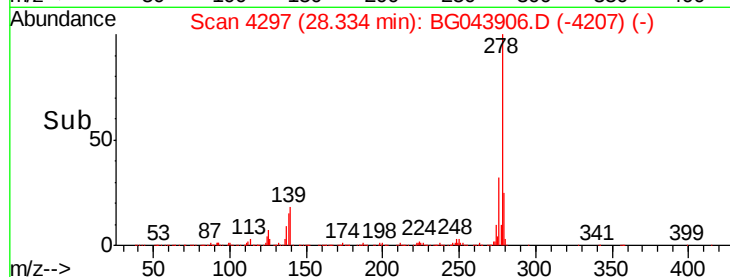
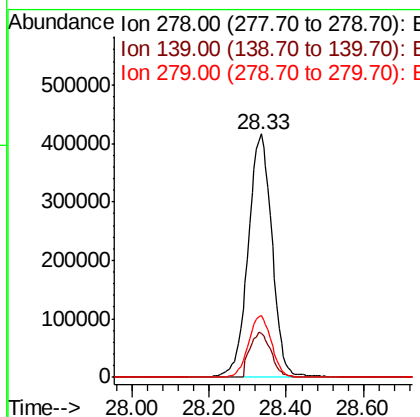
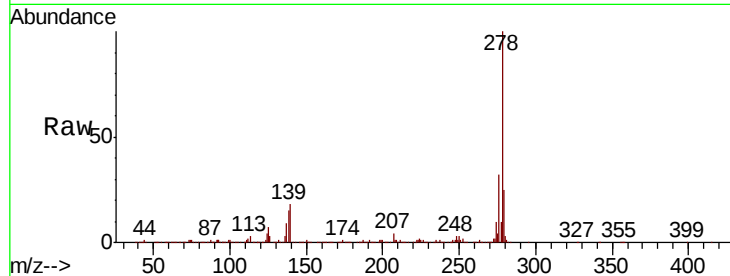
#91
Dibenzo(a,h)anthracene
Concen: 41.719 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.8	14.2	21.4	
279	25.4	20.6	30.8	

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:56 AM



#92
Benzo(g,h,i)perylene
Concen: 42.174 ng
RT: 29.37 min Scan# 4474
Delta R.T. -0.00 min
Lab File: BG043906.D
Acq: 4 Jan 2020 3:06

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.4	20.2	30.4	
138	23.6	19.0	28.6	

